

# FLORIDA SKIP

THE AMATEUR RADIO VOICE OF THE SOUTHEAST

Vol. 37 No. 5

May 1995

## Ham Seeks Injunction

-JoAnn Gaydos, Assistant Editor  
The Propagator, W. Palm Beach  
ARC

Amateur radio operator Ted Herrman, AE8G, went to Federal District Court in West Palm Beach on April 11, 1995, to begin seeking an injunction prohibiting ARRL VE Coordinator Graf Buckenmier, KG4U, from administering a 5 word per minute Morse code sending test in lieu of a 5 word per minute receiving test to an unlicensed, sightless, amateur applicant.

Said Herrman, "Part 97 FCC Regulations are very clear and specific in that they require individuals to be tested for both sending and receiving. I am completely sympathetic with the applicant, but to my knowledge, sightless applicants have never before been allowed to take a sending test only."

Herrman faxed an appeal for help to prevent the easier test, to ARRL Headquarters VEC Coordinator Bart Jahnke, KB9NM. However, Jahnke's reply was ambiguous and included a line which stated, "Whether to use an accommodated sending test format exam, ... that is the VE's decision to make."

Herrman said, "Buckenmier has told me nothing of his plans, so I assume his original decision still holds and he is going to allow a sightless person who can hear perfectly well, to send and not receive."

An amateur radio operator for 41 years, Herrman said, "It's time to draw a line in the sand against those who would further erode the testing requirements. If the FCC or ARRL make it any easier, CBers, for example, who now



study nothing and take no exams, will find it quite easy to become amateurs. CBers are an OK bunch, but because there is no testing, foul-mouthed operators can't be kept out. I worry that those foul mouths will creep into amateur radio too."

Herrman seeks to not only prohibit Buckenmier from giving the easier exam, but he wants the FCC to enforce both it's own and international regulations which state that both sending and receiving tests must be given to certain amateur radio applicants.

March 17, 1995

### FCC Announces Establishment of Disabilities Issues Task Force

FCC Chairman Reed E. Hundt has announced the establishment at the Commission of a Disabilities Issues Task Force to ensure that the interests of people

### Dick Hill, WA4PFK Silent Key

Word was received by Florida Skip on April 19, 1995 that Richard D. Hill, WA4PFK Section Manager Southeastern Division became a silent key. No further details of his passing were available at presstime.

with disabilities are represented and understood at the Commission and in the industries it regulates.

The task force is composed of one person from each Bureau and Office. It reports directly to the Disabilities Commissioner. Chairman Hundt has named himself to serve as the first Disabilities Commissioner. He pledged to "bring the full power of the Chairman's Office to bear on this project."

The Task Force will serve as a monitor and educator, ensuring that Commission and industry actions are in the best interests of the disability community and that they understand the needs and interests of the people with disabilities.

The composition of the Task Force, which brings together individuals from all over the Commission, will ensure a vigorous exchange of information from the disability community to the Bureaus and vice versa.

- FCC -



# FLORIDA SKIP

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672 Indian River Drive

Melbourne FL 32935

The FLORIDA SKIP is published monthly. One-year subscription is \$12. Printed in U.S.A.

POSTMASTER: Please send address changes to FLORIDA SKIP, 672 Indian River Drive, Melbourne, FL 32935

## FROM THE EDITOR

Having returned to my home base from Ham Radio '95/DXPO in Atlanta, Georgia, I am relieved to put the cool weather hamfest season to rest for a few months. As soon as I put the current issue of *Skip* to bed for the month, I will take a deep breath, don a tuxedo and surrender my beloved daughter Gretchen to her fiancé. This is not without complications 'cause my daughter also wants me to play for the wedding.

Since I cannot perform my ceremonial obligations and play at the same time, I will play during the seating of guests then make a mad dash for the back of the church to participate in the procession. Now I must go practice some songs that are not in my normal jazz repertoire.

What's this have to do with ham radio? ... Although I tried to figure a way to make a connection, I couldn't. I guess I'm just proud of my daughter and wanted to express my best wishes to Gretchen and Greg in my magazine. Maybe there is a vague connection to amateur radio: now I have a good chance of being "grandfathered".

//ger



## Silent Keys

We regret to report the passing of the following Florida Amateur Radio Operators. Please notify FLORIDA SKIP of any silent keys in your area.

WA4PFFK - Richard D. Hill, Sunrise  
K4DBM - Claude E. Belcher, Jacksonville  
WA2WDM - Eugene J. Wohler, Dunnellon  
W4GPL - C. E. Cottrell, Madeira Beach  
WD4GSJ - Rudolf J. Krstulich, Orlando  
W4IFW - Roy H. Tabeling, Merritt Island  
W4IPM - Charles R. Wells Jr., Valparaiso  
W4NWP - Hiram E. Wolf, Riviera Beach  
KM4OA - Thomas W. Snipes, Lakeland  
KJ4UV - Eschol E. Davis, Tallahassee  
KB4WGI - Rafael L. Mendoza, Miami

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costly.**

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LARGE SELECTION PRE-OWNED EQUIPMENT

**From Larry, KE4ESV FAST Net Manager:** Hello everyone! From Hollywood, Florida, this is Larry, KE4ESV, and there is no doubt in my mind that the change in weather is upon us. March band conditions were good to down right atrocious at times. But just as every cloud has a silver lining, the plus is the realization that NTS works, and works well even when band conditions are deplorable. Practice does make almost perfect and I thank each and every member of the FAST net for your diligence and patience for taking the time to make the net work as well as it does.

Emergency service and communication are among the primary reasons that the amateur radio service exists and it is very encouraging to be a participant with a very dedicated and professional group of stations who make our emergency preparedness the reality that it is. Whether it be by acting as a relay station, covering NCS duties for each other, offering advice and assistance during the net, or being cheerful and good natured despite working conditions that would try the patience of the editor himself. It is comforting to know that our net will be able to provide our share of assistance not if, but when the need is there.

There are many aspects of each net that make it work and this month, I would like to acknowledge our net control stations who keep things calm, orderly and routine. Norm, K4RBR, Bill, WD4KBW, Woody, K4SCL, Delbert, WD4HHH, Russ, KC4ZHN, Laura, WA9VND and Eunie, WIUKR. They are always pleasant and enjoyable to listen to. They have on many occasions helped teach net members the finer points of HF communication and the nuances of net control. Perhaps they can also help you become a net control station as well - we can never have too many of these in a group that meets twice daily. Please give being a NCS some thought. I'm sure you would enjoy it. Please come join us, with or without traffic. We meet daily on 3940 kHz, 6 PM and 10:30 PM Eastern time. Please feel free to contact me anytime, either on the net or on packet: KE4ESV@N4HHP. Until then, please keep Dick, WA4PFK and Doc, W4SME in your thoughts and prayers as I say 73 and CUL. de Larry, KE4ESV.

**From Bob, WN4IIV FPTN Net Manager:** The "Golden Cookie" for March 1995 goes to Gary, KN4OX for being check-in #1000 for the month.

Our thoughts and prayers are with Dick, WA4PFK and Doc, W4SME. Even though they are not on the roster at this time, we hope to have them back REAL SOON. Cef, AA4CH also had a visit to the hospital and is home at this writing. Herman, WB4FJY was involved in an auto accident in early March and was in the hospital for a week. He has informed us that he will return to FPTN as soon as he feels up to it. Rick, KQ4AZ had a short stay in the hospital and is also back home. Charlie, K4SJA and Bill, N4VXP have been among the no-shows for the past several days. I'm sure that all of them would enjoy a card from you expressing your good wishes. Our Assistant Manager, N4GMU has had a problem with hearing loss in one ear. It is slowly clearing up so now we have to be careful because he can hear all the GREAT things folks are saying about him. My shoulder is doing GREAT after the surgery in January. I really did not know how bad I was hurting until the pain went away. I now have full use of my right arm and feeling has completely returned to my right hand. I can read braille again!

Don, AD4CN and Tom, KI4CQ have been out of pocket due to sick rigs. Let's hope that they get them fixed soon. Larry, KE4ESV, Chris, AC4LM, Harold, WB4TOV and Ron, KC4VKT have been missing a lot of the fun due to work constraints. Come on Guys! All that work and no play will give you nightmares.

I want to take this opportunity to publicly thank all of the FPTN NCS for their jobs WELL DONE. Our family, FPTN, has approximately 50 stations on the roster. We convene on 3940 kHz every morning, conditions permitting, at 6:55 AM Eastern time. We have loads of fun and still get the traffic passed in a timely manner. Come Join Us! We need stations to help cover Orlando and the surrounding area. There is a big hole that needs to be filled along the west coast from Crystal River south to Fort Myers. We also need stations in Lake City and Panama City. HELP!

Why not start your day the Friendly Florida Phone Traffic Net way? 73/88 DIT-DIT. Bob, WN4IIV.

**From Bob, KC4ZHF SEFTN Asst. Net Manager:** March has come and gone and another good traffic month for SEFTN. Net checkins totalled 1277. Traffic passed on the net was 381. Net time was 1777 minutes during 31 sessions. March was the 89th consecutive month with over 1000 stations checking in. The 1000th checkin for March was on the 25th and was KA2YZM, Rich. Net control was yours truly, KC4ZHF. Congrats Rich.

We have decided to have out next Net Picnic and Awards presentations on April 22nd. We will grill hamburgers and hot dogs with all of the trimmings. We are hoping for a good turnout, since there are a lot of new members on the net would like to meet you in person. Will give a report on the Picnic next month.

Honor Roll for March with 100% participation were: KD4GR, KD4HGU, KS4JK, KD4NPC, N4TBS, WA9VND, KB4WBY, KA2YZM, KC4ZHF and KC4ZHN. Great job gang.

Traffic tips on Tuesday evenings are alive and well. The presentations are excellent, informative and well worth listening to. Join us any (or every) evening at 6 PM local time on 146.79 MHz with coverage in Dade, Broward and Palm Beach Counties. We are a training net and all are welcome. 73/88 de Bob, KC4ZHF

**From Jerry, KQ4UW FSARA Net Manager:** The Shrine Children's Orthopedic Hospital in Tampa is now the proud owner of an amateur radio shack. Due to the efforts of Shrine Temples throughout the state, there is now a dipole on top of the hospital and an accessible radio for the kids to talk on as third party. They can either talk to relatives by prior scheduling or just talk to people all over the world. Four members of Araba Temple in Ft. Myers were responsible for the installation of the antenna and the radio; G.E. Sammons, WA4DQE, Charlie Wentzel, KQ4DF, George Peterbough, W4WUN and Jerry Deutscher, KQ4UW spent the day installing the radio and antenna.

Tentative scheduling for broadcast will be on Thursdays on the 15M, 20M and 40M bands. Scheduling depends upon the amount of help available to run the radio for the patients who want to talk.

Continued on page 5

**QFN Reported by Chet, AB4XK:** Spring is here already and many of our winter visitors have gone north. The traffic count has dropped a lot so we could originate some more traffic. We have added a couple more names to the roster: Biff, KE4USV in Tampa, and Phil, WV2V in Port St. Lucie. Don, AD4CN had a rig problem but he is back on schedule again.

SM Dick, WA4PFF, Bill, K4ZK and Cef, AA4CH are checking in again occasionally, but they are all recovering from medical problems. Thanks to Kevin, WV5Z for a new batch of address mailing labels and a new QFN Roster arranged in alphabetical order. This has been mailed out. Rip, AA4HT has been appointed as Assistant Section Manager. He and Miss Phil, KA4FZI have been picking up the slack while WA4PFF and K4ZK have been recuperating.

Keep up the good work and bring some traffic when you check in. Until next month. 73, Chet.

**QFNS Reported by Laura, WA9VND:** For March: QNI 241, QTC 69, QND 679. Not bad for a slow month



#### Continued from page 4

Anyone wishing to take over the radio for a day at the hospital can contact Jerry Deutscher, KQ4UW at 813-472-5130. Shriners and non-shriners are invited to participate in this endeavor.

There are a number of Temples in Florida which do not have a Radio Unit and all are encouraged to either form a Unit or a Service Group. Current members are from Temples in Melbourne (Azan), Orlando (Bahia), Sarasota (Sahib) and Ft. Myers (Araba). We hope that the initiation of the hospital radio station will encourage others to organize.

The FSARA net is on Sundays at 1:30 PM local time on 40 meters, 7.236 +/-QRM. Feel free to join the Shriners on their net. Jerry, KQ4UW.

because this is a slow net anyway. We welcome back Fred, W4WLM who was off for health reasons and an antenna calamity caused by storms. WV2V, Phil of Orlando visited with us, also KC4PFU, John in North Carolina. AA4ZJ, Ray of Spring Hill, and KE4RRG of Gainesville dropped in. Welcome to all, and don't be bashful.

The usual standing invitation to all. You can find us every night at the same place, same time at 8:00 PM EDT on 3715 kHz. I hope all of you have a blessed Easter and plenty of colored eggs. 88, Laura.

**Gator Net Reported by Dan, W4DL:** Andy, W1IYT is the new president of the local chapter of the QCWA. His aim is to double the membership this year. Dan, W4DL spent 7 hours on his roof installing new coax and new wire for a new 2 meter antenna and 440 yagi that he thinks will outlast him. Charlie, W4EYU was chased down by his doctor to inform him that his lab tests and physical showed that he was fit to jog another day. He jogged away. Chris, N4EKC will spend April 6th to the 16th in Ohio to deliver a sailboard in need of a sail and a sailor, to a friend. George, K4JI blames propagation for poor skeds with his family on 20 meters. Mae, W3CUL and Al, W3VR both suffer from colds and poor 20 meter propagation. Rip, AA4HT and Mort, WX4H have been helping the Gators so the Gator net trios to return the favor on QFN. Dick, N2AOX is in a program at Fairfax Hospital, Daytona Beach to prepare him for his lung surgery later. Dick has been using a vertical on the net but is waiting for a friend to help him put his long wire back up. Reported by Dan, W4DL.

**FMSN Reported by Russ, KC4ZHN:** Beware the ides of March had an evil portent for Caesar ... look where he wound up ... little and selling pizzas! We were not treated to badly last month and handled a good many pieces of traffic with conditions being good to excellent. Not having had any response to the request for additional NCS stations or net reps makes me sad, but all things being equal, we will struggle along. N4LAO

took a turn as NCS and did a credible job. Many thanks Harry and you may look forward to filling in again, Hi, Hi.

Looks as though the bands are breaking down and this is the time of the year for it so if you don't hear us on 3651 kHz, we will be up on 40 meters at 7061 kHz. Don't be afraid to look around, we will be looking around for you. I understand that at all times, the net opens on 80 and then switches to 40 as necessary, sometimes leaving a station for a few minutes to direct stations to 40 meters.

A little CW will do wonders for you and make you feel like a real Ham. Now don't take offense - only trying to stir up a little business for the CW nets. Glad to hear that our invalids are home again. Cef, AA4CH was hit by a heart condition and was in the hospital for awhile but I'm happy to hear him back on the nets. See you all next month or on the net at 5:30 PM EDT. 73, Russ.

**Note from Ed:** The propagation problems currently plaguing the nets is expected to continue as Sunspot Cycle 22 slowly declines for the next year. At 18 minutes past the hour, WWV announces the 10.7 cm solar flux level; now in the low 70's. Although these figures do not indicated immediate propagation changes, the lower solar radiation has affected all HF bands.

Our communication depends on the state of the ionized layers encircling the earth. The ionosphere bends the radio waves we send back to earth beyond our groundwave. The important region is the F2 layer centered at around 200 miles. Depending on how intensely the F2 layer is ionized, along with losses in D layer, our received signal strength can vary greatly. The D layer, up about 50 miles, absorbs radio waves during the day like a sponge with the greatest effect on 160 meters, declining as the frequency rises.

Signals on 80 meters are weak in the afternoon, increasing as it becomes dark. Due to these effects, 40 meters would be the choice if a frequency change is necessary. In the evening, 160 meters would be usable, however efficient antennas are not as easily constructed. Most nets already use a 40 meter frequency. 73, Ed.

## Top Twenty Traffickers - March 1995

-by KA4FZI and WX4J

| Station   | Total | Station   | Total |
|-----------|-------|-----------|-------|
| 1 W3CUL   | 3,411 | 11 W4DL   | 289   |
| 2 WX4H    | 1,598 | 12 K4SCL  | 261   |
| 3 W3VR    | 1,094 | 13 AB4XK  | 258   |
| 4 WA4PUP  | 1,053 | 14 K4IA   | 253   |
| 5 AA4HT   | 732   | 15 KE4DNO | 232   |
| 6 WA9VND  | 656   | 16 KA2YZM | 210   |
| 7 N4SS    | 571   | 17 KA4FZI | 179   |
| 8 KB4WBY  | 535   | 18 KO4DR  | 174   |
| 9 NR2F    | 532   | 19 N4RHJ  | 171   |
| 10 WA4NDA | 378   | 20 WV5Z   | 169   |

## Traffic Hounds - March 1995

-by Rip, AA4HT

| Net        | QNI   | Avg          | QTC | Avg  | Ses | Mgr         | QTC/QNI     |
|------------|-------|--------------|-----|------|-----|-------------|-------------|
| QFN        | 948   | 15.3         | 680 | 11   | 62  | AB4XK       | 0.72        |
| GN         | 191   | 6.2          | 434 | 14   | 31  | W4DL        | 2.27        |
| SEFTN      | 1,277 | 14.2         | 381 | 12.3 | 31  | KD4GR       | 0.28        |
| NFPN       | 1,306 | 14.1         | 287 | 9.3  | 31  | KQ4YD       | 0.22        |
| FMTN       | 521   | 16.8         | 283 | 9.1  | 31  | WA4NDA      | 0.54        |
| TPTN       | 708   | 22.8         | 244 | 7.9  | 31  | WX4J        | 0.34        |
| FMSN       | 325   | 10.5         | 212 | 6.8  | 31  | KC4ZHN      | 0.65        |
| NFAN       | 1,168 | 14.3         | 203 | 7.5  | 27  | WA4NDA      | 0.17        |
| FPTN       | 1,221 | 13.9         | 180 | 5.8  | 31  | WN4IIV      | 0.15        |
| FAST       | 631   | 10.2         | 151 | 2.4  | 62  | KE4ESV      | 0.24        |
| SWFTN      | 507   | 18.8         | 97  | 3.6  | 27  | K4FQU       | 0.19        |
| QFNS       | 241   | 7.8          | 69  | 2.2  | 31  | WA9VND      | 0.29        |
| FPON       | 318   | 10.3         | 68  | 2.2  | 31  | WB4GCK      | 0.21        |
| LCATTN     | 742   | 23.9         | 59  | 1.9  | 31  | AC4MJ       | 0.08        |
| ZULU       | 567   | 21           | 39  | 1.4  | 27  | AD4BL       | 0.07        |
| SPARC      | 658   | 21.2         | 31  | 1    | 31  | N4GMQ       | 0.05        |
| PBTN       | 1,050 | 38.9         | 28  | 1    | 27  | KE4CGQ      | 0.03        |
| VTEN       | 138   | 4.5          | 28  | 0.9  | 31  | KE4DNO      | 0.2         |
| DEN        | 362   | 72.4         | 22  | 4.4  | 5   | N4LTT       | 0.06        |
| GARSN      | 207   | 9.4          | 17  | 0.8  | 22  | KQ4YD       | 0.08        |
| PBCEN      | 141   | 28.2         | 11  | 2.2  | 5   | WB2OUK      | 0.08        |
| ENMC       | 47    | 9.4          | 5   | 1    | 5   | KE4UEI      | 0.11        |
| BCEPN      | 145   | 36.3         | 4   | 1    | 4   | KA2YZM      | 0.03        |
| AIN        | 53    | 13.3         | 2   | 0.5  | 4   | WA4PFG      | 0.04        |
| SFAN       | 67    | 16.8         | 2   | 0.5  | 4   | KD4GR       | 0.03        |
| PCAVN      | 145   | 36.3         | 1   | 0.3  | 4   | KE4GSA      | 0.01        |
| <b>TOT</b> |       | <b>3,358</b> |     |      |     | <b>AVG.</b> | <b>0.26</b> |

## Florida HF Nets, Abbreviations, Frequencies and Times

| TIME            | NET ABBREVIATION AND NAME         | FREQ        |
|-----------------|-----------------------------------|-------------|
| 0655            | FPTN Fla. Phone Tfc Net           | 3940        |
| 0730 (SAT)      | AIN ARRL Information Net          | 3940        |
| 0730 (SUN)      | Fla. Trader's Net                 | 3945        |
| 0745            | Waterway Net                      | 7268        |
| 0800 (SAT)      | SFAN South Fla. ARES Net          | 3940        |
| 0800 (TUES)     | Buckaroo Tfc Net                  | 7248        |
| 0800            | SOUTHCARS                         | 7251        |
| 0830            | GN Gator Net                      | 3651/7061   |
| 0900 (EXC SUN)  | NFAN North Fla. ARES Net          | 3950        |
| 0900 (SUN)      | Swap Net                          | 7275        |
| 1000 (WED)      | Swap Net                          | 7251        |
| 1145            | FMTN Fla. Midday Tfc Net          | 7247.5      |
| 1330 (SUN)      | FSARA Fla. Shrine Am Radio Ass'n  | 7236 +/-QRM |
| 1500 (SUN)      | QCWA Qtrr Cent. Wireless Ass'n    | 14347       |
| 1630            | FPON Fla. Public Opns Net         | 3908        |
| 1700            | TPTN Tropical Phone Tfc Net       | 3940/7243   |
| 1730            | FMSN Fla. Medium Speed Tfc Net    | 3651/7061   |
| 1800            | FAST/E South Fla. Tfc Net (Early) | 3940        |
| 1830/1930       | NFPN North Fla. Phone Net         | 3950        |
| 1900            | Martin County Ragchew Net         | 3985        |
| 1900            | QFN/E All Fla. CW Tfc Net (Early) | 3651/7061   |
| 1900 (SUN)      | Sailfish Net - West Palm Beach    | 28425       |
| 1900 (MON)      | Manatee County ARES Net           | 28450       |
| 1900 (TUES)     | Pinellas County ARES Net          | 28450       |
| 1900 (TUES)     | Mosquito Net - Orlando Chapter    | 28333       |
| 1900 (WED)      | Titusville Mosquito Net           | 28333       |
| 1930 (MON /FRI) | Swap Net                          | 3898        |
| 1930 (WED)      | Candy's Swap Net                  | 3945        |
| 2000            | QFNS All Fla. Slow CW Tfc Net     | 3715        |
| 2030 (MON)      | Wacky Wingdinger Net (NE Fl)      | 28390       |
| 2030            | So. Brevard Tech & Ragchew Net    | 29200       |
| 2030 (MON)      | ENTIN Everglades Novice/Tech Net  | 28375       |
| 2200            | QFN/L All Fla. CW Tfc Net (Late)  | 3651        |
| 2230            | FAST/L South Fla. Tfc Net (Late)  | 3940        |

PLEASE SENT CORRECTIONS OR ADDITIONS TO:

Bill Britton, KB4VOL  
8703 S.E. Jardin St.  
Hobe Sound, FL 33455

By Packet: KB4VOL @ KB4VOL

## Schedule-Update for Call Sign Applications

The Federal Communications Commission form necessary for applying for an Amateur Radio vanity call sign—Form 610-V—will not be available until after May 1.

Amateurs who call the FCC to request the form before then will not have their names recorded and it will be necessary for them to request the form again, when it is available.

Applications for amateur vanity call signs will not be accepted until after the forms are available, ie, until sometime after May 1. The FCC will make a public announcement of the date of opening of the first "gate" for vanity call sign applications.

**Beginning May 1, 1995,** FCC Form 610-V may be requested by calling the FCC Forms Distribution Center at 800-418-3636. Or, send an SASE anytime to ARRL-VEC, for a form 610-V by return mail as soon as they are available after May 1. Write "Form 610-V request" on the outer envelope.

-FCC

## FCC ISSUED CALL SIGN UPDATE

The following is a list of the FCC's most recently issued call signs as of April 1.

| District    | Group A<br>Extra | Group B<br>Adv | Group C<br>Tech/Gen | Group D<br>Novice |
|-------------|------------------|----------------|---------------------|-------------------|
| 0           | AA0WZ            | KG0VF          | ++                  | KB0RVU            |
| 1           | AA1MX            | KE1AZ          | NIUSY               | KB1BOI            |
| 2           | AA2WW            | KG2CB          | ++                  | KB2UCB            |
| 3           | AA3LD            | KE3SJ          | N3UXM               | KB3BHC            |
| 4           | AE4GC            | KS4TL          | ++                  | KE4YMF            |
| 5           | AC5BV            | KK5NB          | ++                  | KC5NRI            |
| 6           | AC6LV            | KO6TA          | ++                  | KE6SNC            |
| 7           | AB7JE            | KJ7MD          | ++                  | KC7JYT            |
| 8           | AA8TA            | KG8QJ          | ++                  | KB8YQE            |
| 9           | AA9OG            | KG9BH          | ++                  | KB9JVL            |
| N. Mariana  | KH0Q             | AH0AV          | KH0DW               | WH0ABC            |
| Guam        | WH2M             | AH2CZ          | KH2NM               | ++                |
| Midway      | ++               | AH4AA          | KH4AG               | WH4AAH            |
| Hawaii      | ++               | AH6OB          | ++                  | WH6CUD            |
| Amer. Samoa | AH8N             | AH8AH          | KH8CG               | WH8ABB            |
| Alaska      | ++               | AL7PZ          | ++                  | WL7CLX            |
| Virgin      | WP2R             | KP2CD          | NP2IA               | WP2AHV            |
| Puerto Rico | ++               | KP4ZC          | ++                  | WP4MXF            |

++A call signs in this group have been issued in this area.

### The FCC Forms Distribution Center Announces a Toll-Free Telephone Number to Order FCC Forms

To improve the quality of our customer service the FCC's Forms Distribution Center now has a toll-free number to order FCC Forms; the number is 1-800-418-FORM (1-800-418-3676). Customers outside the Washington, DC metropolitan area may use this number to order FCC forms. Individuals in the Washington, DC area should continue to telephone 202-418-3676. Commission employees should not use this number to place orders. Special procedures are being implemented to assist FCC field offices and other internal staff orders.

This toll-free number activates an automated response system which allows callers to order FCC forms, hear a listing of most commonly requested FCC Forms, and provides telephone numbers for additional Commission services.

Callers requesting forms should be sure to provide a complete address and telephone number, including area code and ZIP code. This will facilitate accurate processing of orders. Please allow 2 weeks for order delivery.

In addition to providing these services, callers may obtain an index of FCC forms available via FAX. By choosing option one during the toll-free automated response, you can have this index sent to a FAX machine. You can order the FAX copies of the forms listed on the index by contacting 202-418-0177 from the handset of your FAX machine. **YOU MUST BE CALLING FROM A FAX MACHINE TO RETRIEVE A FORM.** If you do not see the form you need listed on the index, it is not yet available via FAX and you should contact the forms distribution center at **1-800-418-FORMS** to order the hardcopy form.

-FCC-

## South Florida BBS Totals March, 1995

Compiled by Bill Britton, KB4VOL

| BBS            | NTS         | Pers | Bul   | Tot msgs      |
|----------------|-------------|------|-------|---------------|
| AA0TB          | -NO REPORT- |      |       |               |
| K0ZXF          | 0           | 783  | 8371  | 9154          |
| K0ZXF-2        | 3           | 2008 | 8500  | 10511         |
|                |             |      |       | (TPA1FL)      |
| KB4GBS         | 5           | 744  | 7891  | 8640          |
| KB4GCZ         | 1           | 116  | 2770  | 2886          |
| KB4UAH         | -NO REPORT- |      |       |               |
| KB4VOL         | 23          | 1618 | 4300  | 5941          |
| KB4WUA         | 1           | 460  | 6908  | 7369          |
| KC4HQS         | -NO REPORT- |      |       |               |
| KD4EMI         | 1           | 1765 | 3979  | 5745          |
| KD4GR          | 37          | 1779 | 12354 | 14170         |
| KD4MJV         | 0           | 1812 | 2698  | 4510          |
| KD4MZM         | -NO REPORT- |      |       |               |
| KD4VAA         | 8           | 656  | 5002  | 5666          |
| KD4WBI         | -NO REPORT- |      |       |               |
| KD4WLE         | 0           | 320  | 3311  | 3631          |
| KD4UBZ         | -NO REPORT- |      |       |               |
| KD4ZPP         | 0           | 120  | 3823  | 3943          |
| KE2IX          | 33          | 1467 | 4579  | 6079          |
| KE4AQU         | -NO REPORT- |      |       |               |
| KE4BXF         | 1           | 365  | 19521 | 19887         |
|                |             |      |       | (3 mos total) |
| KF4OJ          | -NO REPORT- |      |       |               |
| KI4ZJ          | -NO REPORT- |      |       |               |
| KM4JQ          | -NO REPORT- |      |       |               |
| KN4YT          | 12          | 633  | 2758  | 3403          |
| KP4EDL         | 1           | 1013 | 7541  | 8555          |
| N1OUT          | -NO REPORT- |      |       |               |
| N4AWX          | 26          | 1372 | 2927  | 4325          |
| N4HHP          | 45          | 4364 | 5316  | 9725          |
| N4JOA          | 3           | 189  | 4207  | 4399          |
| N4XEO          | 25          | 1840 | 4280  | 6145          |
| N4ZIQ          | 23          | 1672 | 3097  | 4792          |
| WI1D           | -NO REPORT- |      |       |               |
| W4DPH          | 147         | 8210 | 7660  | 16017         |
| W4MWP          | 12          | 748  | 6773  | 7533          |
| W4OT           | 3           | 235  | 4349  | 4587          |
| W8DUV          | 27          | 2907 | 8538  | 11472         |
| WA2LKI         | 149         | 4289 | 6967  | 11405         |
| WA4EAA         | -NO REPORT- |      |       |               |
| WB2WPA         | 6           | 722  | 4123  | 4851          |
| WB4MOZ         | 3           | 840  | 4608  | 5451          |
| WB4TEM         | 26          | 1251 | 4652  | 5929          |
| WD4NKZ         | 0           | 1085 | 6783  | 7868          |
| WD8IBY         | 137         | 2125 | 15753 | 18015         |
| WH6AMX         | 0           | 197  | 19    | 216           |
| NTS TOTAL: 758 |             |      |       |               |

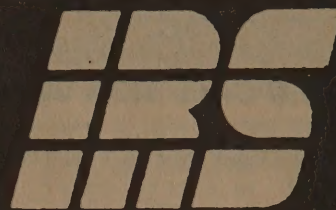
Quite a few fell by the wayside this month with NO REPORT. What happened, spring fever? C'mon folks, these reports are important if we're to keep our frequencies! However, if you have no interest in reporting your bbs activity, let me know and I'll delete your call.

If you have any questions, or need the software utilities to generate your report, drop me a note with your name, address and size floppy needed. There's no charge. The utilities work with all types of bbs software except TCP/IP (NOS.) If you're running NOS let me know and I'll remove your call from the list.

Remember, North Florida BBS's should send their reports to 1:4GMU @ N4GMU. South Florida BBS's to KB4VOL @ KB4VOL. Reports MUST be sent on the 1st covering bbs activity for the previous month. Please participate!

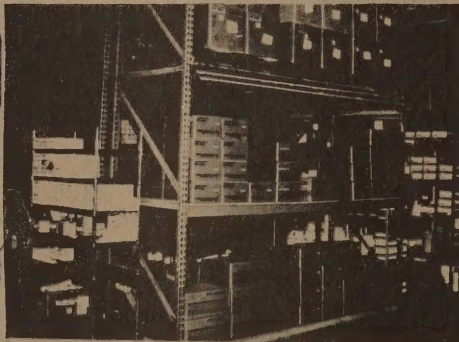
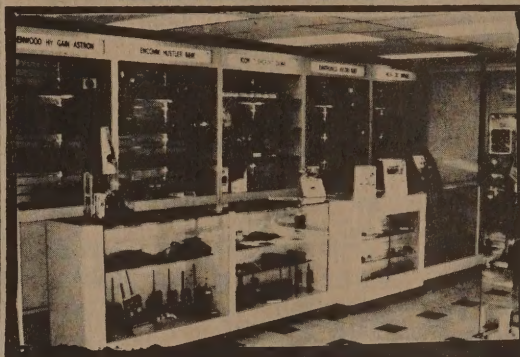
73... Bill, KB4VOL @ KB4VOL, ARRL Packet Manager South Florida.

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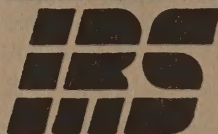
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- SOUTHWESTERN BELL
- RF CONCEPTS
- VAN GORDAN ENG
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- CUSHCRAFT
- AND MORE...

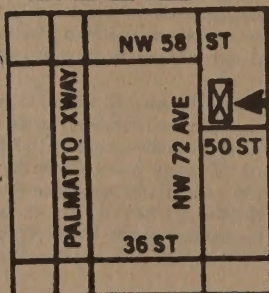


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There are still a number of QCWA chapters still meeting all summer, mostly informal meeting but I could use a report on these meetings for this column. The only reports I have now is from the chapters to which I belong; the Gator and Pelican chapters. If you want me to continue the QCWA column, let me know. My address is on page 2 of the Skip. I belong to the Gator and Pelican chapters and we meet all summer. These are informal meetings but we take up many interesting subjects and the attendance is good even though we lose our northern members for the summer. Even informal meetings can be interesting. Give it a try.

#### **Gator Chapter**

At our March meeting, the attendance was 44 members and guests. Our National Director John Edel, KB5BZ and XYL were in attendance. Also Director Croft Taylor, VE3CT. We had a number of birthdays and anniversaries this month. The birthdays for this month are Grace Bice, XYL of Don, W4PCO and Collie Smith, wife of Leonard, K4BDP. Anniversaries were: Fred Frick, W4BN and wife Effie, Harry Cole, W4DLL and wife Eileen, Art Kunst, W3WN and XYL Sylvia, Art Monsees, W4BK and wife Ruth. Jean Kinney, wife of Bob, W4BB is recovering from a stroke. We got a report that long time member Cappy Grigsby, AA4MF was a silent key on March 8, 1995. Cappy was a charter member of our chapter and he was a former president of our chapter. The program at this meeting was a talk by Mr. DeCaro, Asst. Director of the County Highway Department.

Our National Director John Edel, KB5BZ advised that the QCWA National Convention will be held in Manchester, NY on October 13th and 14th. National Director Croft Taylor, VE3CT advised us that the National Convention to be held in Ottawa, Canada on October 13th and 14th, 1996. Fred Leedham, W1WOX was commended for his excellent management of the net for many years. Our chapter will be 30 years old next year, one of the oldest chapters in the QCWA. Reported by Bart Bridge, W2ZYQ, Secretary.

versaries were: Fred Frick, W4BN and wife Effie, Harry Cole, W4DLL and wife Eileen, Art Kunst, W3WN and XYL Sylvia, Art Monsees, W4BK and wife Ruth. Jean Kinney, wife of Bob, W4BB is recovering from a stroke. We got a report that long time member Cappy Grigsby, AA4MF was a silent key on March 8, 1995. Cappy was a charter member of our chapter and he was a former president of our chapter. The program at this meeting was a talk by Mr. DeCaro, Asst. Director of the County Highway Department.

#### **Pelican Chapter**

Our February meeting was attended by 30 members and guests. In attendance was National Directors Croft Taylor, VE3CT and John Edel, KB5BZ. We collect pill bottles for the St. Petersburg free clinic, started by Don Bice, W4PCO and it is now continued by Gerry Bell, XYL of K4AVH. Blanch Randles, W4GXZ gave a report on her visit to the International Museum where the Treasures of the Czars are on display. Blanche is the National Director for taping for the blind. Croft Taylor, VE3CT advised that the Pelicans would be more than welcome to attend the Suncoast Chapter at Sarasota. The program was given by Wes Randles, W4COW. He reminisced about the first AM station located in the Tampa-Bay area. The stories about the early days of broadcasting was very interesting. Croft, VE3CT is our newest member to our chapter. We suffered a great loss of our President Erwin, WA2YQU. He died after a short illness. Alan, KJ9N our Vice President will take over as President and serve the remainder of his term. Reported by Jay Strom, K9BSL.

## **FCC won't reconsider**

The FCC has denied a petition for reconsideration to change the structure of Amateur Radio licensing in the US.

Rolf Jespersen, N3LA, had petitioned the FCC to establish three classes of amateur operator license, a petition the Commission denied in April 1994 (RM-8391).

Jespersen then petitioned for reconsideration, saying that supporters of his position did not know when to file supporting comments and that telegraphy "ability," not necessarily telegraphy "proficiency," should be the criterion for the class of operator license obtained. He also said that his suggested new rules would promote growth in the amateur community and reduce delays in obtaining new and upgraded licenses.

The FCC said that Jespersen's original petition was denied because there was insufficient evidence to justify revisiting the issues he raised, and that no

comments had been filed on his petition.

The FCC said that it had revisited the structure of the amateur service on several occasions, the latest being in 1990, when the codeless Technician class license was established "and the amateur community confirmed its preference of preserving telegraphy as an examination requirement for the remaining operator license classes.

"The amateur service community in the United States generally considers the current telegraphy speed requirements as necessary and appropriate," the FCC said.

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### **Knight's Net Gaining More New Check-Ins Weekly**

The Knights of the Kilocycle is amateur radio's oldest net, organized on Christmas Day, 1929, and now in the 66th year of operation. The Knights meet every Sunday morning at 7:30 on 3910 Kilocycles. Become a lifetime member by making five consecutive check-ins.

The Knight's net has been seeing more new check-ins in the last weeks. George, K4AAP, our "DX" Knight of St. Peters, Missouri has been joined Cipriano, WA5TRE, Little Rock, AR and Bob, N9HRF as new out-of-state checkins.

The Knights also welcomed Ralph, KD4GZT of Tampa and Dick, WA4MZI of Daytona. All new stations will officially become members of the Knights of the Kilocycle, receiving a lifetime membership certificate after five consecutive Sunday check-ins.

Bob McDow, W4KOG, North Palm Beach, has been attending the season's crop of hamfests and reports he has managed to unload a boatload of equipment but still has plenty remaining. Next time you see Bob, you should be able to hammer out a great bargain on his remaining gear!

Seems New Port Richey has taken over the news items this month. Marian, KC4MFT, has been active in the volunteer examiner program and has been testing in recent weeks. Doug, N4SLS, New Port Richey has his tomatoes and peppers planted and should see a nice crop soon. When are we invited over for a picnic Doug?

Julie, AC4HL, also of guess where...New Port Richey, has purchased a new mobile ham shack, otherwise known as a new car, after his old one needed major repairs.

Stan, W4JKK, of Sebastian has installed the tower at his new home. His transmissions are much improved and Stan also reports on the good fishing on the lake behind his home. Stan has a canoe all decorated like an Indian craft. He named her "Tippycanoe." Stan is a retired Building and Zoning Chief from Miami.

Floyd, N4FL, Lauderdale Lakes, has the distinction of being one of our most senior members, having celebrated his 85th birthday in January. Floyd is retired from the FAA and started with the old Bureau of Air Commerce back in 1937. You can also catch Floyd on Sunday morning on the FAA Net a little higher up the 75-meter band.

I was able to hear the 2-meter repeater of Clyde, W13X, Avon Park, one evening here in Miami. I attempted a call through his repeater but couldn't hit it. There seemed to be unusual conditions for a few evenings. I was able to hear a net from a New Orleans repeater the same night.

If you have any news or questions about the Knight of the Kilocycle net, send E-mail to: KQ4YM@AOL.COM or send by snail mail to my callbook address. Please join us any Sunday at 7:30AM. New members are most welcome. Until next month, 73.

## **Amateur Radio valuable to National Hurricane Center**

Miami, Florida — For some thirty years, amateur radio operators have provided the National Hurricane Center (NHC) with important weather data from throughout the Atlantic Ocean, the Caribbean, and North, Central, and South America. Because of the skill and reliability of amateur radio operators, the forecasters at the NHC have come to rely upon our faithful participation. Amateur radio operators are many times located in areas not regularly covered by conventional reporting systems.

Now the National Hurricane Center will be moving into a newly constructed, state-of-the-art facility located west of the City of Miami on the grounds of Florida International University. The official inauguration of the new center will be on May 31, 1995.

Amateur radio operators want to commemorate the opening of the new National Hurricane Center by operating our newly constructed station which has been assembled with the assistance of local amateur radio operators and generous donations by equipment manufacturers. The amateur radio station at the NHC has been organized and maintained by the Dade County Amateur Radio Public Service Corps under the leadership of the local ARRL Emergency Coordinator and RACES Officer. The current coordinator of the station is Joe Schmidt, W4NKJ.

Amateur radio station W4EHW (Early Hurricane Warning) will be operating from 0800 EST to 2000 EST on May 31, 1995 from the station at the National Hurricane Center. Contacts can be made on the Hurricane Watch Net frequency of 14.325 MHz and operators should be prepared to give their station call, location, and current temperature outside the station or send their information by Automatic Packet Reporting System (APRS) on 10.151 MHz, lower sideband. For a National Hurricane Center commemorative QSL, send to W4EHW, PO Box 350641, Miami, FL 33135 before July 1, 1995.

For more information contact Joe Schmidt, W4NKJ, at (305) 669-8995.

### **SPECIAL EVENT**

Miami, Florida — The Early Hurricane Warning station, W4EHW, at the National Hurricane Center will be operated from 0800 EST to 2000 EST on May 31, 1995 to commemorate the inauguration of the new, state-of-the-art National Hurricane Center. Stations should make contact on the Hurricane Watch Net frequency, 14.325 MHz, and be prepared to give their station call, location, and current temperature outside the station or send their information by Automatic Packet Reporting System (APRS) on 10.151 MHz, lower sideband. For a National Hurricane Center commemorative QSL, send QSL to W4EHW, PO Box 350641, Miami, FL 33135 before July 1, 1995.

As promised, here's another installment in our continuing look at PaKet 6.1. Take a glance at last month's column to review how to install and configure PaKet for your system.

Once you have the program up and running, the most important thing to remember is that help is just a key press away (the particular key to press is the "F1" key).

When you mash this key you will be presented with a screen full of options... which can be somewhat overwhelming at first. To help you cut through the clutter, here is a quick review of some of the more important function key (and "alternate key" combinations).

If you are still learning your way around the program, and don't want to go pawing through reams of paper "docs", then press the "alt" and "F1" key at the same time. This will bring up the "on-line" documentation. ("on-line" is a fancy way of saying "on your screen" documentation). You are now looking at the COMPLETE PaKet documentation! EVERYTHING you need to know about PaKet is right before your eyes!

PaKet's documentation is presented alphabetically, in outline form. If you need help with a specific aspect of the program, just move the "down arrow" to go down a line at a time, or press the "page down" key to move a full screen down at a time. When you find something that you want to read, press the down (or up) arrow to get to the topic you want to read, and then press "enter" or "return". One (and usually more) screens of information will appear. Use the "PgUp" or "PgDn" key to move between screens.

When you've finished reading a particular topic, just hit the "escape" key, and you will find yourself back at the original "outline list" of commands and functions. To exit the on-line documentation, just hit the "Esc" key one more time.

Let's look at some of the other more important features of the on-line help screen. PaKet will let you look back (or "flashback" to screens of data that you've already received. To see what has gone before, press the "PgUp" key. As you might expect, just press "PgDn" to go to the next screen. Pressing the "Esc" key will exit the flashback, and return you to "live" operation.

If you want to look for specific text (i.e. "what the heck is the name of this person I'm talking (uh... TYPING) to") hold down the "ALT" key and the letter "F" at the same time. You will be prompted to enter the word or phrase you are looking for, and PaKet will dutifully search the flashback area and display the text that contains what you wanted to see. Press ALT-F again to find the next time that word or phrase appeared in what you've received so far.

Want to SAVE the flashback information? PaKet will let you do this too. Press ALT-W (hold down the ALT key while pressing the letter W) and you will be asked to move to the LAST line of information that you want to save. Use the PgDn key to move to the end of whatever it is you're saving, and press the "enter" key. Presto...your information has been saved to your hard drive.

If your TNC will let you have more than one connect at a time, then you'll enjoy how PaKet makes it relatively simple to manage your multiple QSO's.

Assuming you've set up your TNC properly FIRST (by setting USERS and MAXUSERS commands), and again assuming you've configured PaKet properly for multiple connects when you first set it up, then it's just a simple matter of hitting the right arrow or left arrow key on your keypad to change to

another communications window and talk to whoever connected "there".

You'll know when you have a new connect, because PaKet will tell you about it on-screen, and also ring your computer's bell (unless you've told it not to). Pressing the right arrow key will take you to the first additional connection, pressing it again will take you to the next.

Press the LEFT arrow key to go back "down" a window-at-a-time and get back to the poor soul you left waiting while you scampered off to talk to the new arrivals. How many connects can PaKet handle? As many as your TNC will allow.

We mentioned this in last month's column, but another handy command to remember is the "ALT-C" command. Pressing this combination of keys will bring up a "connect window", in which you can place the callsign (or name) of the station you want to connect to, and follow it with the digipeater or ROSE path that you use to get to that entity.

Look at the bottom of the "connect window" to see how to insert, delete, or change the information you have entered.

Do you ever put your TNC in "KISS" mode, and then have a devil of a time getting it back OUT of "KISS" ?? You'll be happy to know that PaKet makes this a snap.

One clue to the fact that your TNC may be in "KISS" mode is that PaKet will complain that it can't communicate with your TNC, with a "TNC not responding, abort, retry, ignore" warning. Choose "ignore" and then press ALT-K. PaKet will send the appropriate commands to your TNC to bring it out of "KISS" mode and return things to normal. NOTE: if the commands that PaKet sends to your TNC do NOT bring it out of KISS mode, they can be changed via the configuration file. HOWEVER, you'll have to do some digging in your TNC manual, and quite possibly some severe head scratching too, to figure out JUST WHAT your TNC demands to be rendered "NON-KISSABLE" (a whack to the case does NOT solve the problem). Unfortunately, most TNC manuals I've seen are not terrible clear on how to bring your TNC out of KISS (other than to power it off, remove a battery jumper, replace the jumper, and power it up again).

Did you know that PaKet comes with it's own built in Personal Message System (PMS)? This works very much like a real packet BBS. PaKet will allow you to send and receive mail and bulletins automatically, using the packet radio BBS network.

To do this, you will have to contact the SYSOP of the packet BBS you use now, and request that he or she forward all personal mail to you. If you ask "real nice" this person might also forward SELECTED bulletins to your PaKet station too. Now you'll have the ability to read and packet mail and bulletins at YOUR convenience!

A couple of warnings: Most packet BBS sysops will NOT forward mail and bulletins to personal systems unless those systems are on the air at LEAST 12 hours a day (some SYSOPS require you to be available 24 hours a day). SO...if you are not willing to leave your packet station up and running at least 12 hours a day, then don't get too deeply involved in using PaKet's PMS to link to your LAN BBS.

The second warning? If you DO decide to take the plunge

Continued on page 26

## What to Buy?, What to Buy?

If you have read my articles in the past, you probably have figured that most of my discussions are about PC compatible computers (or PC's for short). The Macintosh (a trademark of Apple Computer) is also a personal computer but we refer to them as MAC's (to distinguish them from PC's of course). I actually have quite a bit of experience with MAC's and these articles are written on a MAC. Does this mean that I prefer one to another? Good Question!

The MAC versus PC debate rages on where I work. There is no easy answer as many people have spent their hard earned money and invested much time learning a particular system. The arguments never decide a winner because the proponents are almost spiritually motivated. As a result, I have added computer choice (are you Pro MAC or Anti PC) to my list of undiscussables after politics, religion, and my wife's weight (Sorry, Honey).

This month, I would like to pass along my opinions because I feel I have to answer a syndicated column written by Mike Royko and published on March 30, 1995. This column, entitled "Macs Compute circles around PC's" discusses Mike's recent experience trying to configure a PC and then finally tossing it and getting a MAC instead. Mike states "Buy a MAC and you won't go nuts...in less than an hour, it was unpacked, hooked up and running - color printer, modem and all." Do I agree with Mike? Absolutely! In my experience with both systems, the MAC, made by one company, comes out of the box ready to run. The PC's made by everyone else, comes out in various stages of assembly and operation (or lack thereof) depending on which one you buy. MAC's are even better for

the business user because they are network ready right out of the box and have been since their inception. The new MAC's are now even ethernet ready but even the earliest of MAC's allow sharing of printers and modems through AppleTalk, a slower but very reliable office network. PC's are really just now getting their network act together. Networks have been around for the PC's for years, but they have always been difficult. Some companies actually hire a full time network system manager just to tweak their system. OS2, Windows 95, and NT are network ready but require an add-on card and the network still requires significant configuration.

Now, after all these reasons why MAC's are better than PC's, why does the MAC command only 10% of the market? I believe it's like the VHS - BETA argument when VCRs were just getting popular. My engineer friends would read every test report and analysis by the enlightened consumer media and discover that, sure enough, BETA was better. How much better? Does it matter? If it's better, then you buy it, right? Well, they still own their BETA decks. Some even keep a spot for it in their entertainment center, religiously dusting it off (no pun intended) so that it looks used. We all know better. The stack of Disney tapes on the TV and the worn out, peanut butter stained VHS deck (their third since they bought the BETA deck) attest to market choice. The fact is: the market decides who ultimately sells the most product and individual technical achievement is not necessarily the deciding factor. This battle was clearly won by the PC. There is more software, especially software we really use on a home computer on the PC. And, you still get more box for the buck.

The case in point for the HAM computer user is apparent. There is some soft-

ware for the MAC's but it pales in comparison with the freeware and shareware that I can get for the PC. There are CD ROM's with 100's of Megabytes of software for PC's: Satellite Trackers, Morse tutors, Logging programs, HAM call databases, and so on. Most amateurs have PC's and they slug it out with the quirks because they can ultimately get them to do what they want to do.

So, I agree with Mike Royko. If you buy your computer to generate documents or crunch spreadsheets and maybe log into an on-line service like the Internet, then buy the MAC, you won't be sorry. But if you also want to play games or download shareware for whatever you do when you're not working, you may find the PC a better buy. If your main problem is getting the system up and running, then take the box back to the store. There are systems that come configured and ready to run just like the MAC. You may have to pay a little more for this privilege but this is true of the MAC as well. And oh, by the way, be aware of enlightened journalists providing free advice. You may be buying religious articles that you can't deduct from your taxes.

Steve

## Amateur Radio Role Sought In New Emergency Plan

The ARRL has filed comments on FCC notices of proposed rule making concerning a proposed new Emergency Alert System (EAS) in FO Dockets 91-302 and 91-171.

The EAS proposal signals, the League said, the Commission's intention to integrate broadcast alerting concepts into local and regional emergency response plans, and said that the Amateur Service is a logical partner in providing emergency information to the public.

The League said that Amateur Radio has a history of providing emergency communication, through the Radio Amateur Civil Emergency Service (RACES) and the Amateur Radio Emergency Service (ARES). The ARRL said that while the Commission in its proposal had cited amateurs as an "auxiliary" entity in emergency communication operations, in fact the Amateur Service is a "principal" pro-

Continued next page

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## Study sees more ham bands

A US government study concludes that amateurs could use 2180 additional kilohertz of spectrum in the future. The National Telecommunications and Information Administration (NTIA) reports this need in a just-released 10-year projection of spectrum requirements for all licensed radio services.

In June 1992 the ARRL responded to an NTIA notice of inquiry with extensive comments (see January 1993 QST, page 82). Here are the 2,180 kilohertz cited in the NTIA report:

30 to 50 MHz, 5 slots of 50 kHz each (250 kHz total); 160 to 190 kHz (30 kHz); Near 5 MHz (50 kHz); Expansion of 10 MHz band (200 kHz); Expansion of 14 MHz band (50 kHz); Expansion of 18 MHz band (150 kHz); Expansion of 24 MHz band (150 kHz); 219 to 220 MHz (1000 kHz, already in process); Satellite downlink, 29.7 to 30.0 MHz (300 kHz).

Here are excerpts from the NTIA study:

"The amateur community commenters have suggested significant changes to the allocation table to accommodate expanded amateur operations. Many of the suggested allocation revisions are reasonable....

"The amateur-satellite service will soon have a new generation of amateur satellites in orbit that will use all fre-

quency bands allocated to the amateur-satellite service from 29 MHz through 24 GHz. For this reason, the retention of current allocations, additional amateur-satellite allocations, and the upgrading of certain current allocations is desirable.

"Amateur requests for international reallocations would be appropriate issues for ... future World Radiocommunication Conferences (WRCs). Additional allocations at 160-190 kHz, and near 5 MHz will require technical studies to determine the availability of these bands to support amateur use.

"The expansion and upgrading of amateur allocations in the 10, 14, 18, and 24 MHz bands are acceptable, but will depend on future decrease of requirements for the aeronautical mobile or the fixed services internationally. The alignment of the amateur 3.5 and 7 MHz bands worldwide will require the inclusion of these issues in U.S. preparations for future WRCs.

"As noted, FCC rulemaking is in progress for amateur access to the 219-220 MHz band. The request for additional narrow spectrum allocations between 30 and 50 MHz for propagation experimentation (e.g., five, 50 kHz slots) will need to be studied for technical compatibility."

Finally, the study said that "any sharing of military radiolocation spectrum (e.g., 430-440 MHz) with the amateur services on a co-primary basis in current Federal radiolocation bands is not feasible because of the potential loss of operational flexibility for military radar systems. Further, the expansion of use in the 902-928 MHz band by federal and non-federal users, including the operation of wind profiling radars, may make this band untenable for amateur operations in the future."

-ARRL

## FCC Begins Accepting Club Call Sign Requests

Effective March 24 the Federal Communications Commission began accepting applications for new club and military recreation station licenses. Call signs will be issued by the FCC from the Group D call sign block, based on the applicant's call district.

Special FCC Form 610-B must be used to apply, and applications must be sent to the FCC's Gettysburg Licensing Facility, 1270 Fairfield Rd, Gettysburg PA 17325-7245.

Form 610-B can be obtained from the ARRL/VEC for an SASE.

### Continued from page 12

vider of communication during disaster relief and other emergencies.

The League said that Amateur Radio should be considered an available resource at all levels of EAS organization—local and state. The League, the ARRL said, has for some time had memoranda of understanding with the American National Red Cross, the Salvation Army, the Federal Emergency Management Agency (FEMA), the National Communications System (NCS/DOD), the Associated Public Safety Communications Officers Inc (APCO), and the National Weather Service.

The League suggested that EAS participants should be a part of overall emergency planning, not just emergency communication planning, and urged integration of Amateur Radio (as well as other radio services) into that planning.

-ARRL Internet

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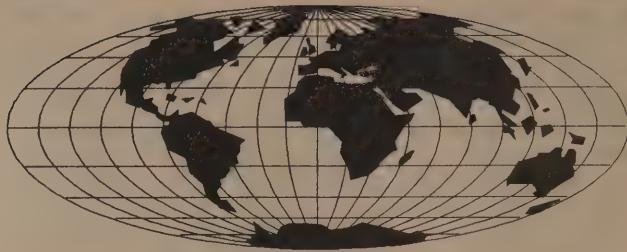
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The bulletin is made possible with information provided by Steve, W9NUF, the Northern Illinois DX Association, Ken, V73C, Ralph, K1RH, Joe, NJ1Q, Tedd, KB8NW, the OPDX Bulletin, the Yankee Clipper Contest Club PacketCluster network and the Contest Corral column from the pages of QST magazine. Thanks to all.

**AFGHANISTAN.** Oleg, YA/UT9XL, has been heard on 14120 kHz around 1445z. He should continue to be active from the Ukrainian Embassy in Kabul for 2 to 3 more months. QSL via PO Box 207 Pavlograd, 323012 Ukraine.

**AZORES.** Bill, KQ4GC, will operate from Terceira Island as CU3/KQ4GC until April 23. He will concentrate on SSB on 80 through 10 meters. QSL via Bill Gallier, 4094 Sandy Run Drive, Middleburg, FL 32068.

**BRUNEL.** V85GA sometimes operates from club station V85BG on 20 meter SSB. It has been reported that a new 160 meter antenna has been installed.

**CAMBODIA.** XU7VK is active on 14007 and 14017 kHz. QSL via HA0HW.

**CAMEROON.** Jim, TJ1JB, aka 5X1B, has been operating CW around 14027 kHz between 1930 and 2330z. He is working for the American embassy in Cameroon. QSL via KE9A.

**CANADIAN ARCTIC DXPEDITION.** The Inuvik Amateur Radio Club is planning to operate on what is believed to be Hendrickson Island in the Arctic Ocean. This island is located NE of Tuktoyaktuk at 69 29N by 133 36E, is IOTA NA-192 and Canadian Island number NW-37. Operations should start at 0000z April 1 and finish up some time Sunday afternoon. Listen for VE8YEV. Two radios will be used, with one parked on 14260 kHz, an IOTA frequency, most of the time. The other radio will roam 80, 40 and perhaps 15 meters operating CW, SSB and RTTY.

**CENTRAL KIRIBATI.** Bill, T31JK is on the air from Canton Island. He operates on 40 through 10 meters with SSB and CW, though he prefers SSB. Check 20 meter SSB around 0830z. QSL T31JK via GW00JK, Bill's home call.

**CONWAY REEF.** Due to rough seas some equipment took an unplanned swim when one of the rubber rafts overturned. However, it has been reported that two of the three planned stations are on the air. Try 7085 kHz between 1100 and 1215z.

**DJIBOUTI.** J28FD, J28GR and J28BQ will be on the air as J20SF April 14 to 20. Their location will be Seven Brothers Islands group, IOTA AF-059, located in the Gulf of Aden. Plans are for CW and SSB activity on the IOTA frequencies. QSL via F5LBM.

**EAST MALAYSIA.** 9M8RC has been on 14019 kHz. QSL via HL5AP.

**ETHIOPIA.** ET3KV was heard on 18117 kHz around 1930z, ET3BT

was heard working free style on 14226 kHz around 1915z, and ET2AA was heard on 21240 kHz around 1345z.

**FRANZ JOSEF LAND.** There has been some talk of operations from FJL coming to a close as the stations shut down because of budgetary reasons, though some stations continue to be active. R1FJL was worked on 14014 kHz at 2253z and RX1OX/FJL was on 14237 kHz at 0123z.

**FRENCH POLYNESIA.** Lou, LX1SP, should stay on Tahiti until April 21. Listen for his SSB on 14340 or 21400 kHz between 1800 and 2000z.

**HEARD ISLAND UPDATE.** The South Sandwich Island DX Group has announced that Verne Fowler, W8BLA, of Roswell, GA, is the newest team member. Verne will fill one of the CW op slots. There is still a need for CW ops and a team doctor. For details, FAX your request to Jerry, AA6BB, at 503-998-1269 or Tony, WA4JQS, at 606-679-3151.

**HUANG YAN DAO, AKA SCARBOROUGH REEF.** BS7H is on the air from IOTA AS-116. Operators BZ1HAM, BZ1OK, KC6KOU, KJ4VH, OH0XX and OH2BH want to provide one QSO for as many stations possible rather than make multiple band/mode QSOs with fewer stations. Check 3505, 7025, 14025 and 21025 kHz CW and 3785, 7045, 14195, 21295 kHz SSB. QSL via JA1BK. A pirate was spotted on 15 meter CW prior to 0830z April 13.

**IOTA SHORTS.** VK6ML will operate from a small off-shore island or shoal from May 12 to 16. He will sign VK6ISL. Listen for a three day operation from a small southern Japanese island by JA3IG/6 starting April 23. Both operations will be new ones for the IOTA award.

**KERMADEC ISLAND.** Barry, G4MFW, aka ZS1FJ, has obtained operating permission, but will probably be active for only a few hours a day. Listen for G4MFW/ZL8 from May 5 to 15 on 80, 40, 20 and 15 meters.

**LOW BAND DXING.** Heard or worked on 160 meters recently include, 4L4KK 1840 kHz at 2107z and 1843 at 2128 4 - X4NJ 1830/0337 - 4X6ZK 1842.7/0311 - 9H1AL 1833.5/2206 and 2222 - 9H3TY 1827.4/2046 and 1833.6/0322 - G4VFU/MM 1843.8/0026 - HA8BE 1832.1/2250 - I1JBO 1831.9/2242 - IT9AUP 1831/0006 - IT9ZGY 1833/0311 - R1FJL 1831.1/2009 and 1835/2033 - S0RASD 1840/0042 - S92SS 1835.5/2356 - SV1NN 1836/2353 - SV8ZS 1834.2/0456 - T93M 1830/2109

**MADAGASCAR.** Ben, 5R8DS, has improved his 80 meter antenna. He uses an inverted L 30 meters long and 15 meters high. The ground system consists of 24 radials each 11 meters in length. He is active mornings from 0230 to 0305z on 3606 kHz. Ben requests not to call him on his frequency unless you really hear him. QSL via Ben Witvliet, Box 404, Antananarivo 101, Madagascar.

**MADAGASCAR.** JE8BKW and JH8CLU will operate as 5R8DL April 28 to May 4.

**MALDIVE ISLANDS.** Juergen, DL1IAI, has requested the call sign 8Q7AI for his April 12 to 27 stay on Kuredu Island. His hopes are to operate 160 through 20 meters. QSL via CBA.

**MALDIVES.** DL1IAI will be QRV as 8Q7AI April 12 to 27. He will operate 80 through 10 meters and attempt some work on 160 meters. QSL via his home call.

**MARIANA ISLANDS.** A group of Japanese ops will sign AH0Q on 40 through 10 meters April 7 to 11.

**MARSHALL ISLANDS.** Ken, V73C, reports that his new QSL manager is Bruce Smith, N4GAK.

**MAURITANIA.** Listen for I2RLX, IT9AZS, IT9JNT and IT9PHY operating as 5T0AS April 1 to 20. Plans are for this DXpedition to be on all bands, CW and SSB. QSL via IT9AZS.

**MAURITANIA.** A multi-op group from Italy will be signing 5T0AS through April 20 from Tidra Island, IOTA AF-50. QSL via IT9AZS.

**MEXICO.** Rick, NE8Z, will be signing XE3/NE8Z April 14 to 24 from various sites on the Yucatan Peninsula. He will operate 160 through 10 meters with mostly CW and some SSB. QSL via K8LJG.

**NEPAL.** An all band, CW and SSB operation by JA8MWU will begin about April 26 for approximately 10 days. QSL via his home call.

**OMAN.** Members of the Royal Omani ARS, ROARS, will operate from Al Ghanam Island as A43GI April 20 to 27. Plans are to be on all bands with SSB, CW and teleprinter modes. This will be a new one for the IOTA award. QSL via A47RS, PO Box 981, Postal code 113, Sultanate of Oman.

**PIRATES COVE.** Jim, AD1C, reports that a pirate has been on the air using the call of Sanyi, XU7VK and XU9SHA. Tips include faultless American English, northern accent and a refusal to go to CW.

**QSL ROUTE CHANGE.** Ken, V73C, aka AH9C, reports that OKDXA, the Oklahoma DX Association, no longer handles his QSLing chores. Until further notice, send cards direct to V73C or AH9C Callbook addresses.

**QSL NOTES.** Ralph, K1RH, wants it known that he is not, and never has been QSL manager for FP5DX. However, K1RH is manager for FP5EK. Ralph has not been manager for TF3CW for many years. Cards for him should go via the TF bureau. And K1RH was QSL manager for 8R1K through 1982. Since that time the 8R1K call has been re-assigned several times, in 1991 to OH2BH, and 1992 and 1993 to OH0XX.

**SARTG World Wide AmTOR Contest,** sponsored by the Scandinavian Amateur Radio Teleprinter Group, runs from 0000 to 0800z and 1600 to 2400z April 15, and 0800 to 1600z April 16. Exchange signal report, name and QSO number starting with 001.

**SOUTHEAST ASIA DXPEDITION.** Mike, DF8AN, leaves Germany on April 21 bound for Kathmandu, Nepal. He has applied for a visitor's call sign, but may use 9N1/DF8AN between March 22 and April 5. Activity will be mostly CW. From Kathmandu he travels to Hong Kong to operate with a VS6 call sign or VS6/DF8AN between April 6 and 13. While in Hong Kong he plans to visit Macao to apply for an XX9 call sign. From April 13 to 24 he will try to be active from the island Koh Samui, Thailand, with a visitor's licence for HS/DF8AN. Mike's operations will be on 40, 15 and 6 meters only. QSL via the bureau to DF8AN or direct to Michael Noertemann, Amselstieg 4, D-38226 Salzgitter, Germany

**SPRATLY.** A group of Japanese and Malaysian amateurs are on the air as 9M0A from Pulay Layang-Layang, the location of the 9M0S operation of May 1993. An early announcement of the DXpedition stated plans for CW, SSB, RTTY and perhaps even some SSTV. New England PacketCluster spots show them on 14002 kHz at 1547z and 14195 kHz between 1440 and 1615z. QSL via JA9AG. DU0K should be active from April 10 to 16 by a group of Philippine amateurs.

**SPRATLY.** The Japanese and Malaysian group has gone QRT. If you

missed them you will have another chance, as a group of Philippine amateurs will activate DU0K April 10 to 16.

**SAINT PIERRE AND MIQUELON.** Bruno, F5JYD, and Eric, F5SSM, will both sign TO7I April 27 to May 6. Activity will be on all bands with SSB and RTTY. They will try to operate from other different islands. QSL via F5JYD.

**SVALBARD.** Three YL operators will activate Spitsbergen Island, IOTA EU-26, in the Svalbard Archipelago April 8 to 12. Their radio equipment will be a battery powered, synthesized portable radio with 25 watts of output power to a dipole antenna. Try 14247 and 21247 kHz SSB. Some CW operating is planned. Please note that their radio has no provision for split frequency operation. Also consider their limited battery power and make QSOs short by exchanging only signal reports unless otherwise requested. QSL Unni, JW6RHA, via LA6RHA. QSL Turid, JW9THA, via LA9THA. QSL Inger, JW8KT, via LA8KT.

**SVALBARD.** DF6JC is on the air operating the station of JW5E and signing JW/DF6JC. He has been on 14190 kHz between 1300 and 1315z. JW0C has been worked on 14190 kHz from 1423 to 1435z, and 14205 kHz at 1745z.

**SVALBARD.** Three YL operators will activate Spitsbergen Island, IOTA EU-26, in the Svalbard Archipelago April 8 to 12. Their radio equipment will be a battery powered, synthesized portable radio with 25 watts of output power to a dipole antenna. Try 14247 and 21247 kHz SSB. Some CW operating is planned. Please note that their radio has no provision for split frequency operation. Also consider their limited battery power and make QSOs short by exchanging only signal reports unless otherwise requested. QSL Unni, JW6RHA, via LA6RHA. QSL Turid, JW9THA, via LA9THA. QSL Inger, JW8KT, via LA8KT.

**TANZANIA.** Eric, OH2BBF, should be arriving at Ngara April 14 to start a two month stay. He is bringing a TS-50 and hopes to obtain a license. Eric will try to make side trips to 5X, 9Q, 9U and 9X. QSL via OH2BBF after he returns home.

**TOKELAU.** Ron, ZL1AMO, has cancelled his T31 operation slated for April due to transportation problems. He hopes to be active from Tokelau instead.

**UGANDA.** Frank, 5X4D, is on the air almost daily starting at 1800z on 21295 kHz and then on 14245 kHz at 1900z. He may be leaving sometime early this month. QSL via IN3DYG. 5X4B has been operating PacTOR on 14073 kHz at around 2040z.

**VIETNAM.** XV7SW reports a break in his normally busy work schedule and expects to be able to spend more time on the air. He is only authorized to operate on certain frequencies, and has applied for permission to operate on 1827 and 7012 kHz. Listen for him on 3505 kHz.

**VIETNAM.** XV7SW has been busy with his work, but will soon be spending more time on the bands. New low band antennas have been installed.

**WAKE ISLAND.** Tom, AL7EL, will activate Wake Island May 10 through 17. Plans are to operate 80 through 6 meters, with an emphasis on the lower bands and 50 MHz. QSL via AL7EL CBA or the KL7 bureau.

**Continued on page 27**

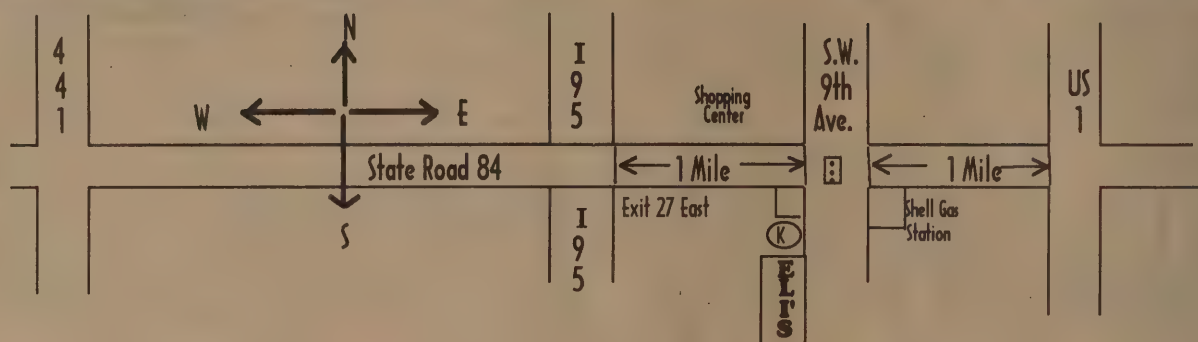
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*Silent Key*

Dr. "Ed" Webb and his son perished March 17, 1995 in an airplane accident.

---

Alice D'Jahon KB4MTA

Eli D'Jahon AA4BK

Mike Maxwell KK4DN

Jose' Gutierrez WT4G

Al Popiol N4AXQ

Joe Saunders K4GNP

Len Weiss AB4LV

## K1MAN Objects to W5YI Petition

On March 23rd, K1MAN filed an "Objection to Petition for Rulemaking by W5YI" with the FCC. He says:

1. Glenn Baxter, K1MAN "...has devoted a great deal of his life to large scale emergency communications efforts by organizing and operating the International Amateur Radio Network. IARN is not commercial in any way. Maia earns his living through amateur radio."

2. "ARRL gives no credit to IARN and needs an outlet and journal to express its views and to reach members and prospective members."

3. "There are a handful of amateurs who feel they own 3.975 MHz." Baxter says that he has made several attempts to cooperate and negotiate a resolution to the mutual interference problem. "All that is needed is for the FCC to do its job. A couple of \$300 fines would do the trick."

4. "The animosity is caused by the (wrong) perception that K1MAN bulletins are not legal."

5. "Information bulletins on HF are very efficient with thousands of listeners. The HF bands are under utilized."

6. "The incidental interference to

on-going communications by regular, scheduled bulletins in minor."

7. "Information bulletin stations are showing great innovation in welding together a very useful low, cost information dissemination system on HF..."

8. "Bulletins are not a problem. Petty amateur radio politics is the problem."

9. "HF bulletin information is disseminated for free and widely at minimum cost. On-line computer services and the Internet all cost money (and) are not amateur radio... HF bulletins are voice interviews, forums, speeches, editorials, talk programs; all very easy and efficient to produce. Mr. Maia should have his tongue cut out and carry a keyboard around his neck if he thinks otherwise."

10. "Mr. Maia is simply pulling a publicity stunt and/or trying to eliminate his competition to the W5YI Report."

11. "Banning HF bulletins is an attempt to suppress free speech of K1MAN and Maia would like to slam ARRL at the same time. (Both) are in direct commercial competition."

12. Glenn Baxter, K1MAN "...requests that Maia's Petition to change the rules be dismissed."

-W5YI Report, April 15, 1995

## SAREX frequency changes

Space Shuttle flight STS-71, to be launched in June, is the first to feature a docking between the Shuttle and the Russian Mir space station. Special Shuttle Amateur Radio EXperiment (SAREX) voice frequencies will be used.

The special frequencies are: Downlink: 145.84 MHz worldwide; and Uplinks: 144.45 and 144.47 MHz worldwide

SAREX and Mir Amateur Radio stations normally share the same downlink frequency, which would cause interference on the STS-71 mission. Because of this and lessons learned from using particular frequencies during previous SAREX missions, the SAREX Working Group has made these changes for STS-71. The new frequencies were chosen after much deliberation to minimize interference between SAREX, Mir, and terrestrial stations.

Most SAREX operations are split frequency, with a downlink (astronauts transmitting to Earth stations) and an uplink (Earth stations transmitting to astronauts). Listen to the downlink and transmit only when the shuttle is in range and astronauts are on the air.

Mir operations are simplex and remain on 145.55 MHz.

Before transmitting, listen to the SAREX uplink to avoid interfering with others, and listen for the astronauts' instructions about frequencies they're using. They won't favor a specific uplink, and your ability to work them will be "the luck of the draw."

If these special SAREX frequencies prove acceptable, they will be used for future docking missions. If you have comments, send them to AMSAT's Frank Bauer, KA3HDO, at his Callbook address, or to the ARRL Educational Activities Department.

Please note that there is a strong chance that STS-70 will fly before STS-71; if so, STS-70 will use the regular SAREX frequencies.

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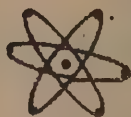
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## Summer Travel Tip

Have you paid a visit to MOSI? Perhaps you should. The Museum of Science and Industry (MOSI) is located across Fowler Avenue from the University of South Florida in Northeast Tampa. The museum is a fun place for kids from 2 to 99 years of age. Most of the exhibits feature "hands on" activity.

On the third floor, The Communication Gallery, in the corner before one enters the Gallery, is the Ham Shack. Equipment has been donated by Yaesu, Mosley, Mirage-KLM, Procom, Barnett Bank and many amateurs from the area. If you are one of them, we are truly grateful.

The "shack" is manned, hopefully, 7 days a week by amateurs who volunteer their time to explain, show and tell about amateur radio. Approximately 130 to 160 hours per month are donated to the shack. We have Techs, Generals, Advanced and Extra Class guys and gals donating their time. Some come from Pinellas and Pasco Counties. Perhaps your county could be represented. Hint!

It would indeed be a pleasure to entertain the readers of Florida Skip at the MOSI ham shack. Want to operate a station? Want to do packet? Want to just talk? Whatever, come visit anytime.

The museum has visitors from as far away as England, Columbia, Japan, Canada as well as many of the 50 states.

Often the volunteers are compensated by the visitors. Not legal one might say. In one instance, two boys, 8 and 10 years old, got to talk to a missionary in the jungles of Brazil. In another instance, 30 Girl Scouts talked to hams in Iowa and Idaho. When one is privileged to witness the excitement and fun - that's compensation - and that's legal.

If you would like to participate in the activities, give Conrad Kibler, WB4ARS a call. The museum phone number is (813) 987-6300.

If you would like to take a short, inexpensive but enlightening vacation, may we suggest a visit to the Museum of Science and Industry in Tampa, Florida.

-Thanks to Conrad Kibler,  
WB4ARS

## DXCC update

Documentation for the following operations has been received and approved.

|            |            |             |             |               |
|------------|------------|-------------|-------------|---------------|
| 3A/IK1QBT  | 3B8/ON4QM  | 3C1/TU4EI   | 3DA0CA      | 3V8BB         |
| 4S7/JA4FM  | 5N0ETK     | 5N0GC       | 5N0PYL      | 5X1HR         |
| 5X1MW      | 5X1KO      | 7Q7SB       | 8Q7AB       | 8Q7BX         |
| 8Q7YF      | 9A/SP3DPR  | 9A/SP6MLX   | 9G5WH       | 9G5RM         |
| 9G5TL      | 9G5MB      | 9G5MT       | 9G5JR       | 9G5VT         |
| 9G0ARS     | 9I0A       | 9I30ZIN     | 9J2AE       | 9J2CE         |
| 9L1/TU5EV  | 9M2/GM0DEQ | 9M6/GM0DEQ  | 9N1AP       | 9Q5AGD        |
| 9Q5RT      | 9X/SM5DIC  | 9X5EE       | A51MOC      | A51MOC/JH1AJT |
| A51/JH1AJT | A61AH      | A61AN       | C4C         | CE8SFG        |
| CN2SK      | D2EGH      | D68RS       | D68TA       | DU7LA         |
| DU7/KD6QV  | FH/JA1IDY  | HS0/DL2FDK  | J55UAB      | J87CO         |
| J87FT      | J8/F5LGQ   | J8/F6AOI    | J8/F6BFH    | J8/F9IE       |
| P43DWC     | S21YO      | S79ASM      | SV5/DK1RP   | SV9/G4OBK     |
| TI2/KB9CRY | TI4/KB9CRY | TI6/KB9CRY  | TI2PDX      | TK/IK1QBT     |
| TL8JD      | TO0P       | TU4EG       | TU4EX       | TU5DX         |
| TU5EV      | TU5NC      | US1U/PA3BUD | UT8U/PA3BUD | V26E          |
| V51T       | V5/N0AFW   | VI0ANT      | VP2EDK      | VP29EI        |
| VP2MDY     | VP8SGP     | VP8CBC      | VP8CRB      | VP8CRC        |
| VP9/W1RQ   | VR6AB      | XE1/UA3AB   | XE1/RA3AUU  | XE1/NT2X      |
| XF4M       | XT2JB      | XU3DWC      | XW1         | XW1A          |
| YK0A       | ZA/OK1CF   | ZK1SRF      | ZK2ZE       |               |

-ARRL

## U.S. grant to Ukraine

Ukrainian Amateur Radio operators will benefit from a 24,987 dollar grant from the US Agency for International Development.

The grant, from USAID through the Eurasia Foundation, was obtained by a proposal made by the Foundation for Amateur International Radio Service, a nonprofit public foundation founded in May 1991. FAIRS has charter groups in Ukraine, Guyana, Bangladesh, and Russia.

The grant will fund electronics hardware to extend APLINK coverage to Kiev from the Western Ukraine, with nodes also going to Hungary, the Czech Republic, and Poland. An Internet gateway also is planned, as well as an addi-

tional APLINK station and an FM repeater in western Ukraine.

Delivery of the equipment is expected by early summer, and will include hardware for seven digipeater nodes, including terminal node controllers, radios, and antennas. About 35 Ukrainian amateurs have packet capability in the current APLINK system.

The FAIRS grant proposal was written by Executive Director David Larsen, KK4WW, and European Director Victor Goncharsky, US5WE.

A previous FAIRS project, training of prospective amateurs in Bangladesh, was described in September 1993 QST, on page 86.

-ARRL

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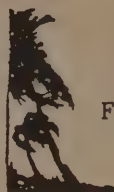
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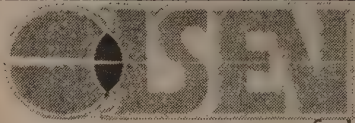
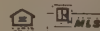
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## ARMY MARS REPORT

Lorraine S. Matthew (AAA9PR), PIO MARS WW

For Florida Army MARS, the FEMA/Army MARS emergency communications exercise figures are now available. Last month, this column reported that Florida Army MARS set new performance records for participation and traffic flow during an exercise period. Army MARS, as a whole, set new records as well.

Army MARS showed a participation by 2900 stations covering 2200 zip code

locations. Florida Army MARS had a participation of 259 check-ins up from 184 in the December 1994 exercise and a traffic flow of 143 messages against 68 in December. These messages included 36 EEI (Essential Elements of Information) messages. EEIs are the keystones upon which effective emergency support could rely. Much has been written in this column about EEI. Not enough can be said about them and their vital importance. Florida's skill was most evident in the EEI messages that were sent. They were written with the great skill that comes with good Army MARS training and the dedication of the Florida Army MARS members.

Panhandle MARS members met at the Northwest Florida Hamfest at Fort Walton Beach on 18 March 1995. All services were represented. We had as a guest CPL. Michael Raymer, the NCOIC (NCO in Charge) of the Army HF/MARS station at Fort McPherson, GA. Mike gave a very effective presentation to the group.

His purpose for participation in the meeting was "to further relations

between Ft. McPherson MARS and the Florida MARS community, and to exchange ideas on enhancing the Essential Elements of Information (EEI) program."

Mike raised some very valid concerns about the relationship that active duty HF-MARS stations and the continuance of the EEI reporting procedures once the Area Directors' offices close. He feels that the active duty HF-MARS stations could play a key role in the relaying of that traffic.

What purpose does an out of state operator serve for Florida? Why do we want Mike to check into our nets every day as he does? From the point of view of a Florida Army MARS member and Net Control Station here in Florida, I have seen many occasions when an out of state station was desperately needed to relay traffic and information for Florida. When long skip is in, I have used stations in GA and NC whose operators have proved to be very effective. Mike has served in that role from Fort McPherson.

Florida Army MARS is honored to have a second appointment made from its ranks to Chief Army MARS Special Staff. Patricia Goodwin/AAV4ER has become AAA9PL.

Her area of responsibility is Public Liaison for Army MARS. This has come

as a result of the new Army MARS On-Line accessibility to the public for the purpose of sending MARSgrams and for securing information about Army MARS.

This program, as described in last month's column, has apparently met a need

that was just waiting for such an opportunity. The response has been overwhelming in such a short time. Pat will be handling the bulk of the e-mail generated traffic and queries. She proved her capability in this area when I was off for one week. She accessed my e-mail and handled all such traffic that was present there. It was beautifully done. As Army MARS reorganizes into Staff teams, Pat will be a most valuable asset to the Public Relations team. Welcome, Pat.

Chief Army MARS Robert Sutton also announced an expansion of personnel served by Army MARS in terms of morale and welfare traffic. In a message dated 22 March, Army MARS third party traffic service can now be used by:

Active military

personnel - all services

Regular military personnel - all services

National Guard personnel (new) - all services

Reserve military personnel (new) - all services

Retired military personnel (new) - all services

Patients in VA Hospitals (new) - all services

All individual MARS members - all services

U. S. Government civilian personnel located overseas

Chief Sutton's message also mentioned the families of the above listed personnel. The proviso remains, however, that either the recipient or the sender must be a member of one of the above categories. No civilian to civilian traffic will be accepted.

Chief Sutton attended a key conference that may have a profound effect on Army MARS and its future missions. The conference, held in Washington D.C., was sponsored by the Director of Military Support at which representatives of many federal agencies were heard. Several of the agencies on hand had already interacted with Army MARS in emergency communications exercises and in dealing with real emergencies as they occurred. Those who have not yet interacted with us were very impressed by Chief Sutton's presentation. All agencies left that conference knowing that Army MARS has capabilities that would serve them well.

Army MARS has emphasized emergency communications expertise and planning for several years. As all agencies are required to "downsize" in terms of financial support including Army MARS, the missions of Army MARS may well expand to meet the needs of the people of this country.

Chief Sutton has said about the continuous Army MARS efforts in emergency planning, "Putting this into perspective for Army MARS, we obviously have been on the right track and our refocus a few years ago towards disaster planning and exercises fits the Federal Response Plan like a glove."

At the end of this month, the Dayton Hamvention and the Army MARS In-Progress Review meetings which follow

Continued on page 23

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## League calls rules enforcement "dismal"

### asks FCC for action in several cases

The ARRL has told the FCC that its recent track record in Amateur Service rules enforcement has been "dismal."

In comments on an FCC proposal to adopt a standardized schedule of monetary forfeitures (fines) for rules violations in all services, the League said that while there have been only a few cases in the Amateur Service where prompt enforcement action was needed "badly and quickly," the necessary action did not take place "despite repeated (FCC) promises."

The FCC asked for input on all aspects of a Forfeiture Policy Statement that had been invalidated on procedural grounds in US circuit court last year. The Commission asked for input on the advisability of adopting a standardized forfeiture schedule rather than using a case-by-case approach to setting fines.

The ARRL said that the Commission has probably arrived at a reasonable forfeiture schedule but that administration of the schedule is "the more pressing matter." The League said that at issue were whether the fines were sufficient to (1) cause recipients not to violate a particular rule in the future, and (2) deter others from violating the same rule.

The ARRL said that the forfeiture proceeding (in CI Docket 95-6) should be far broader, to include a review of the overall effectiveness of monetary forfeitures as an enforcement tool, given that as presently used such forfeitures are often either ignored or contested.

**Ed. Note:** An excerpt of the "Guidelines for Assessing FCC Forfeitures" extracted from the CI Docket No. 95-6 dated February 10, 1995 is included at the end of this article.

The League said that in the few cases of amateur rules violations in recent years, FCC promises of action have gone unkept and the problems "persist visibly." The ARRL suggested that forfeiture amounts for amateur rules violations be adhered to (instead of greatly reduced) and that collection efforts be carried through.

The League said that in the past four or five years the Amateur Service has been "very much in need" of FCC assistance in a few specific, persistent enforcement cases, but that almost no assistance has been forthcoming. "The League's representatives have repeatedly met," the ARRL said, "with the commissioners and their staffs, the staff of the Compliance and

Information Bureau (CIB) at all levels, and before that with the Field Operations Bureau staff," to seek assistance with a handful of cases that were impossible to resolve cooperatively.

The League cited amateurs' long record of self-policing and said that in recent years, while the ranks of amateurs grew significantly, "it is remarkable how well the tradition of self-enforcement in the Service has been sustained."

The League said that over the past three years it has consistently sought action in two cases of "repeated, persistent malicious interference" and other rule violations. "Despite repeated promises from numerous members of the CIB staff, the Commission has done absolutely nothing to address these two cases.

"The perception," the League said, "in the minds of large numbers, perhaps the majority of active radio amateurs, due to the almost complete absence of any Commission enforcement presence, is that the Commission is a 'paper tiger' when it comes to enforcement of its own rules.

"The irony of the situation is that it would take only a very few, occasional, but visible enforcement actions in the more egregious cases to promote significant compliance results. This has always been the case, and would be today, if there was any effort at deterrence on the Commission's part."

The League went on to say that the FCC has not kept its part of an agreement between it, the FCC, and the Amateur Auxiliary (AA) program, by not using evidence gathered by AA volunteers in enforcement matters. Those volunteers have become demoralized as a result, the League said.

The League said that the FCC is handicapped in its use of forfeitures as an enforcement tool because, while it can quickly assess a forfeiture, it has no ability to collect it. When a notice of apparent liability is issued, if the subject of the forfeiture does not respond or submit payment, the matter goes to the US Attorney General for collection. Red tape ensues and can lengthen the process into years. Even if a fine eventually is paid, there is no public information of the payment, thus there is no deterrent value to others.

As a result of these administrative roadblocks, the League said, the FCC is forced to choose enforcement actions carefully, and there is a "widely held belief" among its licensees, and not just Amateur Radio licensees, that it is highly unlikely that a civil action will ever be instituted to collect a forfeiture assessed by the FCC.

The League cited as an example an ongoing case of malicious interference in the New Orleans area, involving Amateur Radio repeaters, where notices of forfeiture were issued to four amateur licensees two years ago and are still not collected. The ARRL said that the result has been that, since then, the interference problem has grown significantly in that area.

The ARRL suggested that standardizing monetary forfeiture amounts — as the FCC has proposed — could be one solution. Another is following up with actual collection of the fines, perhaps through a procedure for private contractual collection of administrative forfeitures through civil litigation on behalf of the Commission.

-ARRL

**Ed. Note:** The following Forfeiture Guideline has been extracted from the FCC CI Document No. 95-6 Notice of Proposed Rulemaking in the matter of the Commission's Policy Statement and Amendment of Section 1.80 of the Rules to Incorporate the Forfeiture Guidelines.

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**Army Mars - Continued from page 22**  
will merit the attention of every Army MARS member. Army MARS reorganization will be one of the key topics with the necessity to put in place a smooth transition to leaner, more efficient management styles. Volunteer members may well be called upon to assume tasks that have traditionally been the area of responsibility for paid management.

It is my judgment that these challenges will be met with dedication and skill

*Army MARS will continue to be proud, professional, ready.*

Continued next page

# Note: GUIDELINES FOR ASSESSING FCC FORFEITURES

## I. Base Amounts For Section 503 Forfeitures

|                                                                                                             | % of Violation | BC/CABLE<br>Stat. Max. | CC<br>Stat. Max. | Other<br>Stat. Max. |
|-------------------------------------------------------------------------------------------------------------|----------------|------------------------|------------------|---------------------|
|                                                                                                             |                | \$25,000               | \$100,000        | \$10,000            |
| Misrepresentation/lack of candor                                                                            | 80%            | 20,000                 | 80,000           | 8,000               |
| Construction and/or operation without an instrument of authorization for the service                        | 80%            | 20,000                 | 80,000           | 8,000               |
| Unauthorized substantial transfer of control                                                                | 80%            | 20,000                 | 80,000           | 8,000               |
|                                                                                                             | % of Violation | BC/CABLE<br>Stat. Max. | CC<br>Stat. Max. | Other<br>Stat. Max. |
|                                                                                                             |                | \$25,000               | \$100,000        | \$10,000            |
| Violations of rules relating to distress & safety frequencies                                               | 80%            | 20,000                 | 80,000           | 8,000               |
| False distress communications                                                                               | 80%            | 20,000                 | 80,000           | 8,000               |
| Alien ownership violation                                                                                   | 80%            | 20,000                 | 80,000           | 8,000               |
| Failure to permit inspection                                                                                | 75%            | 18,750                 | 75,000           | 7,500               |
| Violation of operator service requirements                                                                  | 75%            | n.a.                   | 75,000           | 7,500               |
| Violation of pay-per-call requirements                                                                      | 75%            | n.a.                   | 75,000           | 7,500               |
| Unauthorized conversion of long distance telephone service                                                  | 75%            | n.a.                   | 75,000           | n.a.                |
| Malicious interference                                                                                      | 70%            | 17,500                 | 70,000           | 7,000               |
| Importation or marketing of unauthorized equipment                                                          | 70%            | n.a.                   | 70,000           | 7,000               |
| Exceeding authorized antenna height                                                                         | 60%            | 15,000                 | 60,000           | 6,000               |
| Transmission of indecent/obscene material                                                                   | 50%            | 12,500                 | n.a.             | 5,000               |
| Violation of political rules: reasonable access, lowest unit charge, equal opportunities and discrimination | 50%            | 12,500                 | n.a.             | n.a.                |
| Fraud by wire, radio or television                                                                          | 50%            | 12,500                 | 50,000           | 5,000               |
| Exceeding power limits                                                                                      | 40%            | 10,000                 | 40,000           | 4,000               |
| No licensed operator on duty                                                                                | 40%            | 10,000                 | n.a.             | 4,000               |
|                                                                                                             | % of Violation | BC/CABLE<br>Stat. Max. | CC<br>Stat. Max. | Other<br>Stat. Max. |
|                                                                                                             |                | \$25,000               | \$100,000        | \$10,000            |
| Failure to maintain directional pattern within prescribed parameters                                        | 40%            | 10,000                 | n.a.             | n.a.                |
| Failure to respond to Commission communications                                                             | 40%            | 10,000                 | 40,000           | 4,000               |
| Unauthorized emissions                                                                                      | 40%            | 10,000                 | 40,000           | 4,000               |
| Using unauthorized frequency                                                                                | 40%            | 10,000                 | 40,000           | 4,000               |
| EBS equipment not installed or operational                                                                  | 40%            | 10,000                 | n.a.             | n.a.                |
| Violation of children's television commercialization or programming requirements                            | 40%            | 10,000                 | n.a.             | n.a.                |
| Violation of main studio rule                                                                               | 40%            | 10,000                 | n.a.             | n.a.                |
| Violation of broadcast hoax rule                                                                            | 40%            | 10,000                 | n.a.             | n.a.                |
| Failure to engage in required frequency coordination                                                        | 40%            | 10,000                 | 40,000           | 4,000               |

|                                                                               |                |                        |                  |                     |
|-------------------------------------------------------------------------------|----------------|------------------------|------------------|---------------------|
| AM tower fencing                                                              | 40%            | 10,000                 | n.a.             | n.a.                |
| Failure to comply with prescribed lighting & marking                          | varies         | 8,000                  | 8,000            | 8,000               |
| Violation of public file rules                                                | 20%            | 5,000                  | 20,000           | n.a.                |
| Unauthorized discontinuance of service                                        | 20%            | 5,000                  | 20,000           | 2,000               |
| Use of unauthorized equipment                                                 | 20%            | 5,000                  | 20,000           | 2,000               |
| Construction or operation at unauthorized location                            | 20%            | 5,000                  | 20,000           | 2,000               |
|                                                                               | % of Violation | BC/CABLE<br>Stat. Max. | CC<br>Stat. Max. | Other<br>Stat. Max. |
|                                                                               |                | \$25,000               | \$100,000        | \$10,000            |
| Violation of transmitter control and metering requirements                    | 20%            | 5,000                  | 20,000           | 2,000               |
| Failure to file required forms or information                                 | 20%            | 5,000                  | 20,000           | 2,000               |
| Violation of sponsorship ID requirements                                      | 20%            | 5,000                  | n.a.             | n.a.                |
| Violation of requirements pertaining to broadcasting of lotteries or contests | 20%            | 5,000                  | n.a.             | n.a.                |
| Broadcasting telephone conversations without authorization                    | 20%            | 5,000                  | n.a.             | n.a.                |
| Failure to make required measurements or conduct required monitoring          | 10%            | 2,500                  | 10,000           | 1,000               |
| Violation of enhanced underwriting requirements                               | 10%            | 2,500                  | n.a.             | n.a.                |
| Failure to provide station ID                                                 | 5%             | 1,250                  | 5,000            | 500                 |
| Unauthorized pro forma transfer of control                                    | 5%             | 1,250                  | 5,000            | 500                 |
| Failure to maintain required records                                          | 5%             | 1,250                  | 5,000            | 500                 |
| Miscellaneous minor violations                                                | 2.5%           | 625                    | 2,500            | 250                 |

## II. ADJUSTMENT CRITERIA FOR SECTION 503 FORFEITURES

### Upward Adjustment Criteria

- (1) Egregious misconduct 50-90%
- (2) Ability to pay/relative disincentive 50-90%
- (3) Intentional violation 50-90%
- (4) Substantial harm 40-70%
- (5) Prior violations of same or other requirements 40-70%
- (6) Substantial economic gain 20-50%
- (7) Repeated or continuous violation varies

### Downward Adjustment Criteria

- (1) Minor violation 50-90%
- (2) Good faith or voluntary disclosure 30-90%
- (3) History of overall compliance 20-50%
- (4) Inability to pay varies

## III. NON-SECTION 503 FORFEITURES

| Violation                                     | Statutory Amount     |
|-----------------------------------------------|----------------------|
| Sec. 202(c) Common carrier discrimination     | \$6,000 \$300/day    |
| Sec. 203(e) Common carrier tariffs            | \$6,000 \$300/day    |
| Sec. 205(b) Common carrier prescriptions      | \$12,000             |
| Sec. 214(d) Common carrier line extensions    | \$1,200/day          |
| Sec. 219(b) Common carrier reports            | \$1,200              |
| Sec. 220(d) Common carrier records & accounts | \$6,000/day          |
| Sec. 223 Dial-a-Porn                          | \$50,000 maximum/day |
| Sec. 364/386 Ship radio                       | \$5,000/day (owner)  |
| \$1,000 (master)                              |                      |
| Sec. 506 Great Lakes Agreement                | \$500/day (owner)    |
| \$100 (master)                                |                      |
| Sec. 634 Cable EEO                            | \$500/day            |

Note: Non-section 503 forfeitures may be adjusted downward using the "Downward Adjustment Criteria" shown for section 503 forfeitures in Section II above.

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**FOR SALE** - Icom 730 HF like new in original box w/mobile bracket and mike - \$600.00 Memory 4 meg 1 x 9 x 70ns - \$100.00. Night vision scope new - \$250.00. Kevin Poslusny, KJ4PR 14518 SW 142 Ct. Cir., Miami, FL 33186 PH: (305) 235-6727.

**FOR SALE** - Microprofessor Z80 trainer w/books, like new - \$75.00. Azden PCS-3000 25W two meter transceiver, good condition - \$75.00. Homebrew digital counter to 18 MHz, looks & works great - \$25.00. TVRO sweep generator, 45-95 MHz - \$15.00. Surplus microwave signal generator 1800 - 4000 MHz - \$75.00. Pickup only. A. Kelley, AA4FB 2307 S. Clark Ave., Tampa, FL 33629. PH: (813) 254-2767.

## FOR SALE - THE FOLLOWING:

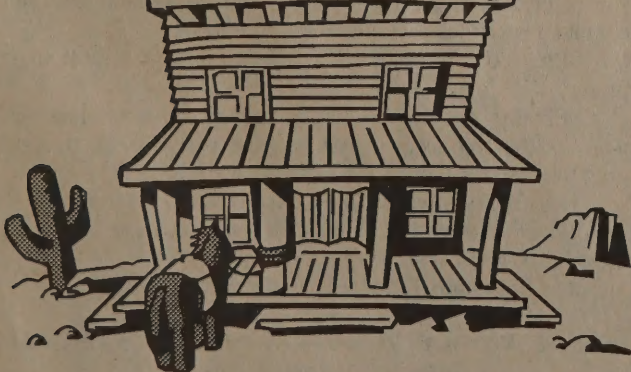
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# Florida Hamfest Update - January, 1995

Compiled by Bill Britton, KB4VOL

## DATE LOCATION NOTES

|           |                 |                                                                                                                                   |                                                                                                                                                                                                                                                                      |               |                                                                                                                                                      |
|-----------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| May 13    | Belle Glade     | FREE! At Belle Glade Marina<br>GREAT lunch available!<br>Talk-in on 147.120<br>INFO: Dennis, AD4PS (407) 996-7056                 | Nov 11                                                                                                                                                                                                                                                               | Eustis        | Lake County Fairgrounds<br>State Rd 44 & County Rd 452<br>Talk-in on 147.255/442.900<br>INFO: Tim, KE4RVO (904) 728-1910                             |
| May 20    | Sarasota        | Parking lot @ Riverview High School<br>Talk-in on 146.91<br>INFO: Sam, KE4BFX (813) 922-4591                                      | Nov 18/19                                                                                                                                                                                                                                                            | Tampa         | Expo Hall - FL State Fairground<br>US 301 & I4<br>Talk-in on 146.940 & 442.275<br>INFO: Jean (813) 525-5178                                          |
| Jul 29    | Tampa           | Univ. of South FL Hamfest<br>@ USF Campus, Tampa<br>Indoor A/C facility<br>9 am - 3 pm. Testing 11am<br>Talk-in: 147.240/146.940  | Dec 2                                                                                                                                                                                                                                                                | Okeechobee    | Agriculture Center Bldg.<br>on U.S. 441, 1.5mi north of SR 70<br>Talk-in on 147.195<br>INFO: Al, AD4RZ (813) 467-0516                                |
| Aug 5/6   | Jacksonville    | Prime Osborne Convention Ctr<br>South Lee & West Bay St<br>Talk-in: 146.760<br>INFO: Billy, N4UF (904) 350-9193                   | Dec 2                                                                                                                                                                                                                                                                | Ocala         | Booster Stadium Parking Lot<br>N 36th Ave, 1 mi N of SR 40<br>Talk-in on 146.970<br>INFO: Mario, N4TSV (904) 245-9514                                |
| Sep 9/10  | Melbourne       | Melbourne Auditorium<br>625 Hibiscus Blvd<br>Talk-in: 146.850<br>INFO: Allen, N4PTM (407) 777-1120                                | - 1996 -                                                                                                                                                                                                                                                             |               |                                                                                                                                                      |
| Sep 24    | New Port Richey | New Port Richey Recreation Center<br>(Sunday Only) 6630 Van Buren<br>Talk-in on 145.350/147.150<br>INFO: Ron, N9EE (813) 376-6575 | Jan 6/7                                                                                                                                                                                                                                                              | Fort Myers    | City of Palms Hamfest<br>Fort Myers Shriners Mosque<br>2010 Hanson St, 1 bl east of US 41<br>Talk-in on 147.345<br>INFO: Dale, KD4UAD (813) 275-8360 |
| Nov 11    | Titusville      | Fox Lake Park<br>West on Harrison St. to the park<br>Talk-in on 146.910/146.970<br>INFO: Cliff, KC4SYD (407) 267-7030             | Jan 13/14                                                                                                                                                                                                                                                            | Sarasota      | Robards Sports Arena<br>3000 Fruitville Rd<br>Talk-in on 146.910 & 444.925<br>INFO: Sam, KE4BFX (813) 922-4591                                       |
| Oct 20/21 | Starke          | Bradford County Fairgrounds<br>US 301 north of SR 100<br>Talk-in on 145.150<br>INFO: Dan, K4RVD (904) 475-2695                    | Jan 20                                                                                                                                                                                                                                                               | Crystal River | Crystal River Armory<br>Talk-on on 146.955<br>INFO: Bill, KO4ZA (904) 382-5755                                                                       |
| Oct 21/22 | West Palm Beach | Expo Center at South FL<br>Fairgrounds<br>SR 80, just east of US 441<br>Talk-in on 147.165<br>INFO: Charlie, K2GNZ (407) 582-1164 | Jan 21                                                                                                                                                                                                                                                               | Pinellas Park | Benefit Boy's & Girl's Club<br>7790 61st St North<br>Talk-in on 147.060<br>INFO: Mike, KC4TEX (813) 823-4251                                         |
| Nov 4     | Lake Worth      | FREE! At John Prince Park<br>6th Ave South and Congress Ave<br>Talk-in on 146.670<br>INFO: Bill, N4ZDD (407) 439-8796             | *****                                                                                                                                                                                                                                                                |               |                                                                                                                                                      |
| Nov 4     | Lake City       | Florida Sports Hall of Fame<br>US 90 west of I-75<br>Talk-in on 145.490<br>INFO: Joe, WD4EOJ (904) 935-2405                       | HELP AVOID CONFLICTS - GET YOUR DATES IN EARLY!<br>PLEASE SENT CORRECTIONS, ADDITIONS AND WHO TO<br>CALL FOR INFO!<br>Packet Address: KB4VOL @ KB4VOL<br>Army MARS Call: AAT4RV<br>Mail: Bill Britton, KB4VOL 8703 S.E. Jardin. St. Hobe Sound,<br>FL 33455<br>***** |               |                                                                                                                                                      |

## Digital Ditherings - Continued from page 11

and let PaKet and your station crank away full time, and have found a SYSOP who will forward personal mail and bulletins to you, then DON'T make the mistake of telling that person you want to receive bulletins on lots of different topics.

PaKet has NO ability to kill bulletins "all at once"! You must kill them ONE AT A TIME ! If you told your SYSOP to send you all the "FLBBS" bulletins (or all the ARRL bulletins for that matter) one day you would turn on your monitor and find yourself staring at 50 or 100 bulletins (or more) and then have to spend the next half an hour or more entering "k 1", "k 2", "k 3", etc. Not MY idea of fun!

Of course, you can still use PaKet's PMS as a way for folks to leave you mail when you are not at the keys!

To bring up the PMS press ALT-M. You will be looking at your system "command line", which should look familiar to you if you've spent any time operating any of the packet BBS's that inhabit every LAN.

Since PaKet's PMS is not a full blown system, it's choices

are limited...but still more than ample for a personal system. We'll save a detailed description of the commands for next time.

A couple of other important PaKet commands to make note of:

Press ALT-P to turn on your printer, and print data as you receive it (make sure your printer is plugged into your computer's printer port, and turned on first).

Press ALT-S to run a SCRIPT (we'll get into those in the future).

Finally...once you've had enough of this marvelous software (or the dog needs a walk, or your wife says to come unplug the disposal), press ALT-X to exit PaKet.

As always, if you'd like a copy of PaKet, send me a 3.5 inch floppy in a mailer, along with return postage and an address label, and I'll ship out a copy to you.

Joe Burnham 321 Holly Ave. Port Saint Lucie FL 34952

Packet: WD4KAV @ WD4KAV.#STU.FL.USA.NOAM  
Internet: kavman@gate.net

**WESTERN SAHARA.** Tim, KC0PA, is now signing 4U/KC0PA instead of S0/KC0PA. He has apparently obtained the appropriate approval from the UN commander and thus the call sign change. QSL via VE9RHS. S0RASD has been active on 75 and 17 meters.

**WESTERN SAMOA.** Edwin, K8VIR, is operating as 5W1GEH. QSL via Edwin Hartz, K8VIR, 108 Hartz Drive, Holly, MI 48442.

**The Chinese Radio Sports Association, CRSA, and the South China DX Team, SCSDX,** have announced plans for a second DXpedition to Huang Yan Dao, aka Scarborough Reef, IOTA AS-116. A multinational team, led by BZ1HAM, will set sail for Huang Yan Dao on Tuesday, April 11, and is expected to commence operations under the call BS7H no later than April 13. The operator list includes BZ1HAM, BZ1OK, KC6KOU, KJ4VH OH0XX and OH2BH.

Two amplifier equipped stations using vertical antennas will be on 24 hours a day for 3 days. On CW try 3505, 7005, 14025 and 21025 kHz. For SSB listen on 3785, 7045, 14195, 21295 kHz. QSL via JA1BK. The Friendship Contest, sponsored by the Russian Speaking Radio Club International, USA, and KV Journal of Moscow, Russia, an HF magazine, runs from 1300z April 22 to 1300z April 23, on 40 and 20 meter CW and SSB. Stateside stations send signal report and state. CIS/Baltic stations will send signal report and CQ zone.

## FLORIDA SKIP SUBMITTALS

The address for advertising copy, articles, subscriptions, HAMBARS, classified ads, correspondence and press releases is listed below.

You can also submit articles by modem up to 14400 baud or FAX on our toll-free 800 line. Also use the 800 number for story leads, news items and other news-related topics. No Classifieds (HAMBARS) by phone.

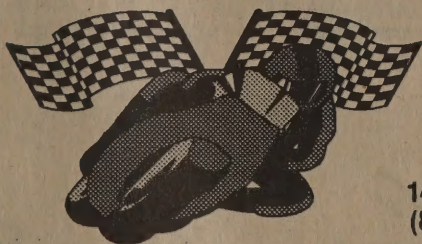
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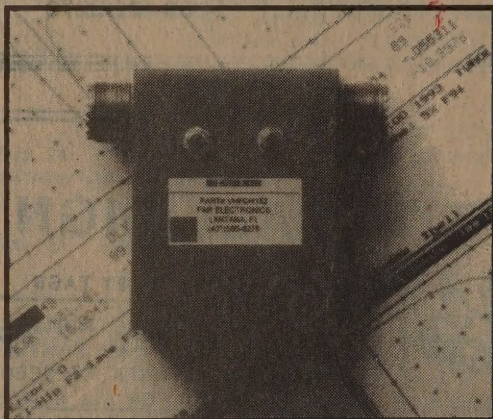
## VHFDN152 VHF INTERMOD FILTER

The VHFDN152 is the first filter to use asymmetrical band stop topology to solve the ever increasing problem of intermod distortion in the 140-175 mHz band. Intended primarily for eliminating intermod in amateur 2M transceivers, but tunable for other services, the filter functions by placing a 45 dB notch in the 152-153 mHz region occupied by high power paging services. Our research (and user feedback) has shown that these transmissions are nearly the sole cause of 2M intermod.

Previous attempts to solve this problem have used either large, expensive cavities configured as a band pass filter or small bandpass filters with poorer rejection characteristics and unacceptable insertion loss necessitating that the filter be switched out of line during transmit. This is not the case with band stop topology. Insertion loss is 0.1 dB or less in the 2M band and the filter allows for uninterrupted reception of those frequencies outside the stop band. This is particularly attractive for those transceivers equipped to receive the 120-175 mHz band. Finally, the filter is transparent at 70CM allowing it to be left in line on dual band radios with a single RF output connector. All of this is accomplished with passive components and the filter does not require any switching or B+ for operation. Simply insert the filter in line between the transceiver and antenna.

In addition to use with 2M transceivers, the VHFDN152 has been used successfully on the receive side of repeaters to eliminate intermod and receive desense caused by the paging services. If a service other than the pagers is identified as an offender, the filter can be factory preset to the frequency you specify at no additional cost.

A smaller and lighter version, VHFDN152HT is supplied with male /female BNC connectors for direct attachment to a hand held radio.



*If you must operate in downtown San Antonio, we agree you'll get your money's worth out of this little gem- Kendal, TX Amateur Radio Society Newsletter.*

*My few serious doubts about a notch filter just disappeared- AH6CF*

*I am very glad that I purchased the VHFDN152 from your company- KA2UWH*

*The filter is doing a tremendous job- KB7JQM*

*Congratulations on a good-working and professionally finished product- W5XW*

*My intermod problems are history- N4KTS*

*Definitely a better mousetrap-WB2BQK*

*This filter has performed 100% above my expectations-K8TCR*

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